

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.

1936

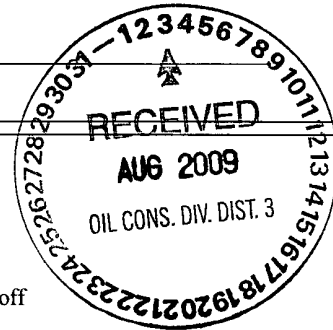
**Pit, Closed-Loop System, Below-Grade Tank, or  
Proposed Alternative Method Permit or Closure Plan Application**

- 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 93 #12B	
API Number: 30-039-29865	OCD Permit Number:
U/L or Qtr/Qtr D	Section 34 Township 27N Range 03W County: Rio Arriba
Center of Proposed Design: Latitude 36° 32' 2.04127" N Longitude 107° 08' 22.14620" W NAD: <input type="checkbox"/> 1927 <input checked="" type="checkbox"/> 1983	
Surface Owner: <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Tribal Trust or Indian Allotment	
2.	
<input checked="" type="checkbox"/> <b>Pit:</b> Subsection F or G of 19.15.17.11 NMAC	
Temporary: <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover	
<input type="checkbox"/> Permanent <input type="checkbox"/> Emergency <input type="checkbox"/> Cavitation <input type="checkbox"/> P&A	
<input checked="" type="checkbox"/> Lined <input type="checkbox"/> Unlined Liner type: Thickness 20 mil <input checked="" type="checkbox"/> LLDPE <input type="checkbox"/> HDPE <input type="checkbox"/> PVC <input type="checkbox"/> Other	
<input type="checkbox"/> String-Reinforced	
Liner Seams: <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Factory <input type="checkbox"/> Other Volume: 20,000 bbl Dimensions: 140' x W 60' x 12'	
3.	
<input type="checkbox"/> <b>Closed-loop System:</b> Subsection H of 19.15.17.11 NMAC	
Type of Operation: <input type="checkbox"/> P&A <input type="checkbox"/> Drilling a new well <input type="checkbox"/> Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)	
<input type="checkbox"/> Drying Pad <input type="checkbox"/> Above Ground Steel Tanks <input type="checkbox"/> Haul-off Bins <input type="checkbox"/> Other	
<input type="checkbox"/> Lined <input type="checkbox"/> Unlined Liner type: Thickness mil <input type="checkbox"/> LLDPE <input type="checkbox"/> HDPE <input type="checkbox"/> PVC <input type="checkbox"/> Other	
Liner Seams: <input type="checkbox"/> Welded <input type="checkbox"/> Factory <input type="checkbox"/> Other	
4.	
<input type="checkbox"/> <b>Below-grade tank:</b> Subsection I of 19.15.17.11 NMAC	
Volume: bbl Type of fluid:	
Tank Construction material:	
<input type="checkbox"/> Secondary containment with leak detection <input type="checkbox"/> Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off	
<input type="checkbox"/> Visible sidewalls and liner <input type="checkbox"/> Visible sidewalls only <input type="checkbox"/> Other	
Liner type: Thickness mil <input type="checkbox"/> HDPE <input type="checkbox"/> PVC <input type="checkbox"/> Other	
5.	
<input type="checkbox"/> <b>Alternative Method:</b>	
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	



6.

**Fencing:** Subsection D of 19.15.17.11 NMAC (*Applies to permanent pits, temporary pits, and below-grade tanks*)

☐ Chain link, six feet in height, two strands of barbed wire at top (*Required if located within 1000 feet of a permanent residence, school, hospital, institution or church*)

☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet

☒ Alternate. Please specify \_\_\_\_\_ per BLM/Tribal specifications \_\_\_\_\_

7.

**Netting:** Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

☐ Screen ☐ Netting ☐ Other \_\_\_\_\_

☐ Monthly inspections (If netting or screening is not physically feasible)

8.

**Signs:** Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☒ Signed in compliance with 19.15.3.103 NMAC

9.

**Administrative Approvals and Exceptions:**

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

**Please check a box if one or more of the following is requested, if not leave blank:**

☒ Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

10.

**Siting Criteria (regarding permitting):** 19.15.17.10 NMAC

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

Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.

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

☐ Yes ☒ No

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

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

☐ Yes ☒ No

Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (*Applies to temporary, emergency, or cavitation pits and below-grade tanks*)

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

☐ Yes ☒ No  
☐ NA

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (*Applies to permanent pits*)

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

☐ Yes ☐ No  
☒ NA

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

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

☐ Yes ☒ No

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

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

☐ Yes ☒ No

Within 500 feet of a wetland.

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

☐ Yes ☒ No

Within the area overlying a subsurface mine.

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

☐ Yes ☒ No

Within an unstable area.

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

☐ Yes ☒ No

Within a 100-year floodplain.

- FEMA map

☐ Yes ☒ No

11.

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

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

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

12.

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

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

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

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

13.

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

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

14.

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

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

☐ Alternative

Proposed Closure Method: ☐ Waste Excavation and Removal

☐ Waste Removal (Closed-loop systems only)

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

☒ In-place Burial ☐ On-site Trench Burial

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

15.

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

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

16.

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

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

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

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

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

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

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

17.

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

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

- |   |  |
|---|--|
| Ground water is less than 50 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is between 50 and 100 feet below the bottom of the buried waste<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is more than 100 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><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).<br>- 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.<br>- 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.<br>- 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.<br>- 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.<br>- 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.<br>- 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.<br>- 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.<br>- 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

Title: 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: 7/08/2009

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

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

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

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

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

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

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

24.

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

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

On-site Closure Location: Latitude 36° 32' 2.04127'' N Longitude 107° 08' 22.14620'' W NAD: ☐ 1927 ☒ 1983

19.

**Operator Closure 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): Michael K. Lane Title: Sr. EH & S Specialist

Signature: Natasha Meada Signed in myke's Date: 7/29/09  
absence

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

**Meador, Tasha**

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**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](mailto:johnny@adobecontractorsinc.com)

7/14/2009

**Meador, Tasha**

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**From:** johnny@adobecontractorsinc.com  
**Sent:** Friday, July 10, 2009 9:24 AM  
**To:** Bryce Hammond; Gabriel Trujillo; Kurt Sandoval  
**Cc:** Meador, Tasha ; Lane, Myke  
**Subject:** Williams Clean-ups

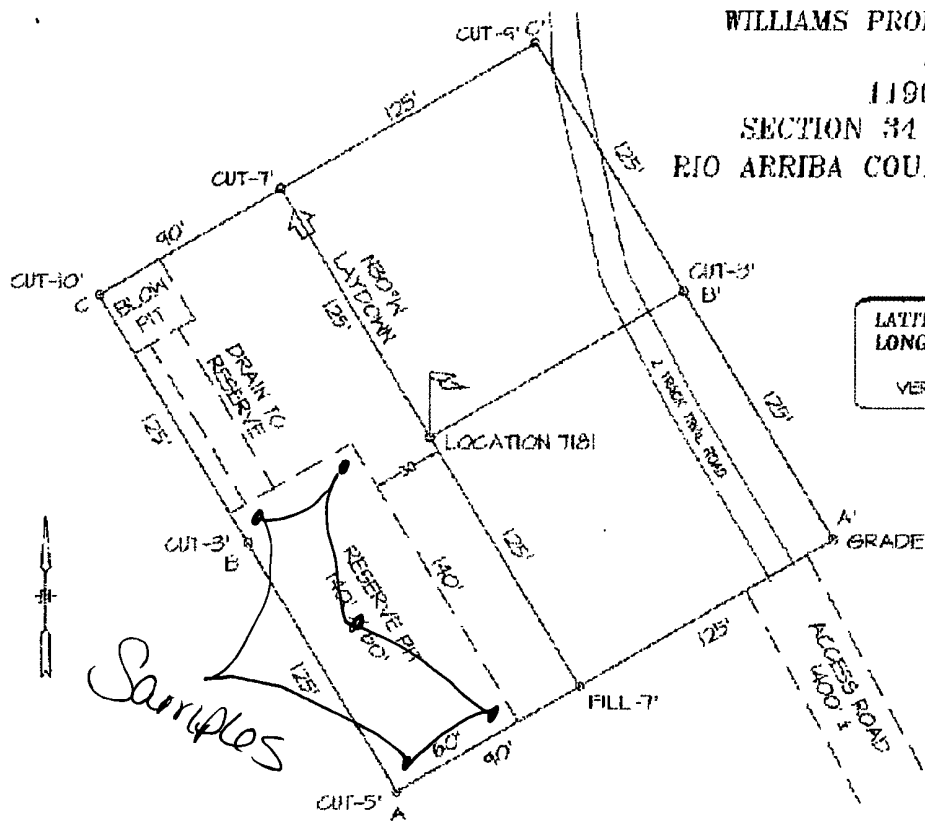
We are finished with the Jicarilla 93 #12B and are working on the Jicarilla 93#14. We will finish it early next week and move to the Jicarilla 92 #18A. Let me know if you have any questions.

Thanks,

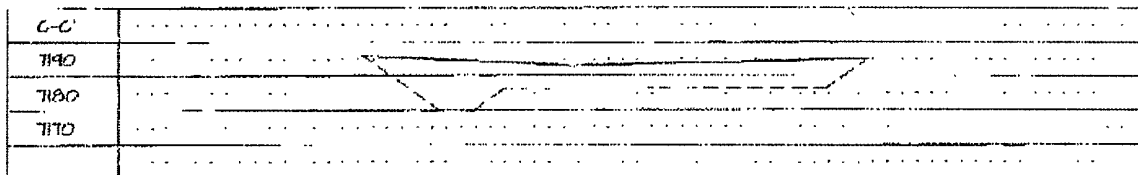
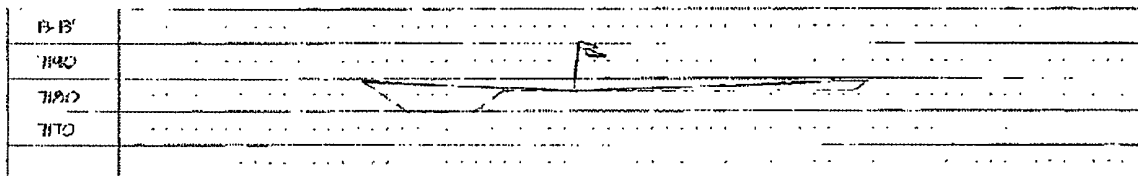
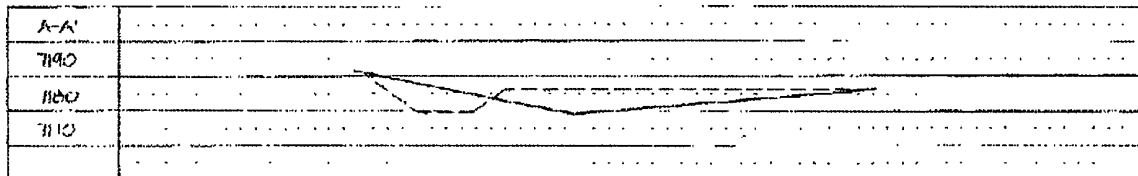
Johnny Stinson  
Gen. Manager/ Adobe Contractors  
Office: (505)632-1486  
Mobile: (505)320-6076  
[johnny@adobecontractorsinc.com](mailto:johnny@adobecontractorsinc.com)

7/14/2009

WILLIAMS PRODUCTION COMPANY  
 JICARILLA 93 #12R  
 1190 FNL & 660 FWL  
 SECTION 34 T27N R3W NMPM  
 RIO ARriba COUNTY, NEW MEXICO  
 ELEVATION: 7181



LATITUDE: 36°32'02" N  
 LONGITUDE: 107°08'20" W  
 NGS 84  
 VERI. DATUM: NAD 1927



FILENAME: FINE_AKE	SHEET 2 OF 3	High Country Surveys	DRAWN BY: GRT	CHECKED BY: GRT
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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 93 #012B  
Latitude (DDD MM.MMM'): -107.082214  
Longitude (DDD MM.MMM'): 36.322041  
Unit Letter (1/4, 1/4): D  
Section: 34  
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.

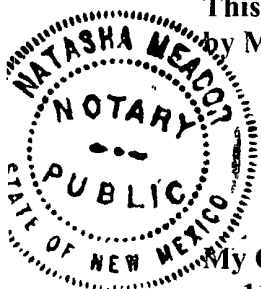
WILLIAMS COMPANIES, INC.

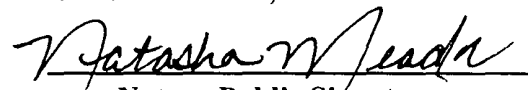
  
Michael K. Lane EH&S Specialist

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



Client:	WPX	Project #:	04108-0003
Sample ID:	Reserve Pit	Date Reported:	07-14-09
Laboratory Number:	50826	Date Sampled:	07-08-09
Chain of Custody:	7411	Date Received:	07-10-09
Sample Matrix:	Soil	Date Analyzed:	07-14-09
Preservative:	Cool	Date Extracted:	07-13-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	4.0	1.0
Ethylbenzene	1.1	1.0
p,m-Xylene	5.0	1.2
o-Xylene	2.7	0.9
<b>Total BTEX</b>	<b>12.8</b>	

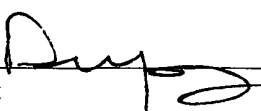
ND - Parameter not detected at the stated detection limit.

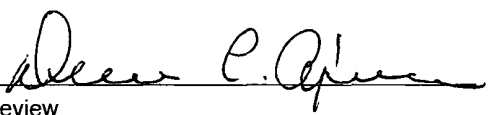
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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 93 #12B

Analyst 

Review 



# envirotech

Analytical Laboratory

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client	N/A	Project #	N/A
Sample ID	07-14-BT QA/QC	Date Reported:	07-14-09
Laboratory Number	50821	Date Sampled	N/A
Sample Matrix	Soil	Date Received	N/A
Preservative	N/A	Date Analyzed:	07-14-09
Condition	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	G-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept Range 0 - 15%			
Benzene	5 2590E+006	5 2695E+006	0.2%	ND	0.1
Toluene	4 8784E+006	4 8882E+006	0.2%	ND	0.1
Ethylbenzene	4 2827E+006	4 2913E+006	0.2%	ND	0.1
p,m-Xylene	1 1125E+007	1 1147E+007	0.2%	ND	0.1
o-Xylene	4 1463E+006	4 1546E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	36.8	38.9	5.7%	0 - 30%	1.9
Toluene	179	173	3.3%	0 - 30%	2.0
Ethylbenzene	395	406	2.9%	0 - 30%	2.1
p,m-Xylene	6,300	6,280	0.3%	0 - 30%	2.3
o-Xylene	2,120	2,100	0.9%	0 - 30%	1.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	36.8	50.0	86.2	99.3%	39 - 150
Toluene	179	50.0	225	98.4%	46 - 148
Ethylbenzene	395	50.0	442	99.4%	32 - 160
p,m-Xylene	6,300	100	6,440	101%	46 - 148
o-Xylene	2,120	50.0	2,150	99.1%	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 50821, 50822, 50826, 50830 - 50832, 50835, and 50837.

Analyst

Review



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

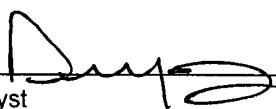
Client:	WPX	Project #:	04108-0003
Sample ID:	Reserve Pit	Date Reported:	07-14-09
Laboratory Number:	50826	Date Sampled:	07-08-09
Chain of Custody No:	7411	Date Received:	07-10-09
Sample Matrix:	Soil	Date Extracted:	07-13-09
Preservative:	Cool	Date Analyzed:	07-14-09
Condition:	Intact	Analysis Requested:	8015 TPH

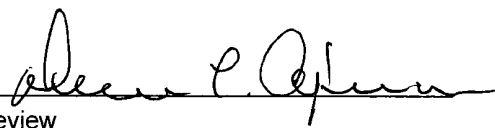
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	21.5	0.1
Total Petroleum Hydrocarbons	21.5	0.2

ND - Parameter not detected at the stated detection limit

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

Comments: **Jicarilla 93 #12B**

  
Analyst

  
Review



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

**Quality Assurance Report**

Client:	QA/QC	Project #:	N/A
Sample ID:	07-14-09 QA/QC	Date Reported:	07-14-09
Laboratory Number:	50821	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-14-09
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	1.1405E+003	1.1410E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.1384E+003	1.1389E+003	0.04%	0 - 15%

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

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	73.4	71.9	2.0%	0 - 30%
Diesel Range C10 - C28	1,960	1,950	0.5%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	73.4	250	322	99.7%	75 - 125%
Diesel Range C10 - C28	1,960	250	2,190	99.1%	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 50821, 50822, 50826, 50830 - 50832, 50835, and 50837.

Analyst

Review



Client:	WPX	Project #:	04108-0003
Sample ID	Reserve Pit	Date Reported:	07-14-09
Lab ID#:	50826	Date Sampled:	07-08-09
Sample Matrix:	Soil	Date Received	07-10-09
Preservative	Cool	Date Analyzed:	07-14-09
Condition:	Intact	Chain of Custody:	7411

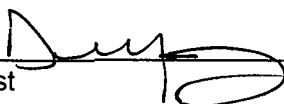
Parameter	Concentration (mg/Kg)
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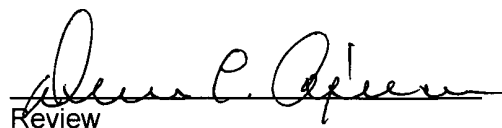
**Total Chloride**

**30**

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.  
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Jicarilla 93 #12B.**

  
Analyst

  
Review

# CHAIN OF CUSTODY RECORD

7411

Client: <b>WPX</b>			Project Name / Location: <b>Jicarilla 93 # 12 B</b>				ANALYSIS / PARAMETERS													
Client Address: <b>Myke Lane</b>			Sampler Name: <b>Glen Shelby</b>				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.: <b>04608-0003</b>																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl <sub>2</sub> HCl														
<b>Reserve Pit</b>	<b>7/8/09</b>	<b>3:15 PM</b>	<b>50826</b>	<b>Soil Solid</b>	<b>142</b>															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
				Soil Solid	Sludge Aqueous															
Relinquished by: (Signature) 						Date <b>7-10-09</b>	Time <b>9:50</b>	Received by: (Signature) 						Date <b>7-10-09</b>	Time <b>9:50</b>					
Relinquished by: (Signature)								Received by: (Signature) 												
Relinquished by: (Signature)								Received by: (Signature)												

**envirotech**  
Analytical Laboratory

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

RECEIVED

JUL 20 2009

WPX

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

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG*</b>						5. LEASE DESIGNATION AND LEASE NO Jicarilla contract #93	
						6. IF INDIAN, ALLOTTEE OR Jicarilla Apache Nation	
						7. UNIT AGREEMENT NAME	
1a. TYPE OF WELL <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER							
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							
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY						8. FARM OR LEASE NAME, WELL NO Jicarilla "93" #12B	
3. ADDRESS AND TELEPHONE NO P.O. Box 640, Aztec, NM 87410 (505) 634-4208						9. API WELL NO 30-039-29805	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 1190' FNL & 660' FWL, Sec 34 (D), T27N, R3W At top production interval reported below : Same At total depth: Same						10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
						11. SEC., T.R., M., OR BLOCK AND SURVEY OR AREA Sec 34, T27N, R3W	
				14. PERMIT NO	DATE ISSUED	12. COUNTY OR Rio Arriba	13. STATE New Mexico
15. DATE SPUDDED 11-25-08	16. DATE T.D. REACHED 12-13-08	17. DATE COMPLETED (READY TO PRODUCE) 4-7-09		18. ELEVATIONS (DK, RKB, RT, GR, ETC)* 7181' GR		19. ELEVATION CASING HEAD	
20. TOTAL DEPTH, MD & TVD 6530' MD		21. PLUG, BACK T.D., MD & TVD 6485' 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: 6014' - 6225'						25. WAS DIRECTIONAL SURVEY MADE NO	
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
10-3/4", K-55		40.5#	317'	14-3/4"	200 SX - SURFACE		
7-5/8", K-55 & P-110		26.4# & 29.7#	6514'	9-7/8"	1200 SX - DV tool @ 4202'		
					TOC below DV tool @ 4900' / TOC above DV tool @ 1710'		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8", 6.5#, J-55	6227'	
31. PERFORATION RECORD (Interval, size, and number)  PLO: 6014' - 6225'. Total of 60, 0.38" holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC DEPTH INTERVAL (MD) 6014'-6225' PLO   			
				AMOUNT AND KIND OF MATERIAL USED Fraced with 93,093# 20/40 white sand			
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 4-6-09	TESTED 1.0 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 1 oz.	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF 150 p/day	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>4-10-09</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	3704'		
					PICTURED CLIFFS	3921'		
					CLIFFHOUSE	5690'		
					MENEFEE	5768'		
					POINT LOOKOUT	6049'		
					MANCOS	6396'		

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 93 #12B	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
D	34	27N	03W					

Latitude 36.3204127 Longitude -107.08221462

#### 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: Michael K. Lane			
Title: EH&S Specialist	Approval Date:	Expiration Date:	
E-mail Address: Myke.Lane@williams.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date:	Phone: (505) 634-4219		

\* Attach Additional Sheets If Necessary

## CLOSURE REPORT ATTACHMENTS

- 1 Date & How free standing liquids removed in following manner: 5/4/2009  
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: 4/7/2009  
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>

<b>13</b> 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                      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>



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



## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Jic 93#12B	<b>API #:</b>
----------------------------------	---------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) <input 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 mostly its down to mud.		
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

<b>Facility Name:</b> Jic 93#12B	<b>API #:</b>
----------------------------------	---------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) <input 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 mostly its down to 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

<b>Facility Name:</b> Jic 93#12B	<b>API #:</b>
----------------------------------	---------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) <input 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 mostly its down to 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

<b>Facility Name:</b> Jic 93#12B	<b>API #:</b>
----------------------------------	---------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) <input 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 mostly its down to 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

<b>Facility Name:</b> Jic 93#12B	<b>API #:</b>
----------------------------------	---------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) <input 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 mostly its down to 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

<b>Facility Name:</b> Jic 93#12B	<b>API #:</b>
----------------------------------	---------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) <input 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 mostly its down to 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  
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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Jic 93#12B	<b>API #:</b>
----------------------------------	---------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) <input 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 mostly its down to 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

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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Jic 93#12B	<b>API #:</b>
----------------------------------	---------------

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

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720 So. Main / PO Box 640  
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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Jic 93#12B	<b>API #:</b>
----------------------------------	---------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) <input 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 is mostly to 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

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720 So. Main / PO Box 640  
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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Jic 93#12B	<b>API #:</b>
----------------------------------	---------------

<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input type="checkbox"/> Daily (Rig) <input 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: Adobe Cont. has started closing pit. Work is about completed they will close and move this week		
Inspector Signature: Art L. Alsup		
Printed Name: Art L. Alsup		
Title: Senior Field Tech.		
Date: 07-05-09 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  
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## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> JICARILL 93 # 12B	<b>API #:</b> 30-039-29805
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<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
---	---

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported: 4/2/09 12:30
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 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:		
Printed Name: Craig Ward		
Title: CONSULTANT		
Date: 04/02/2009 Phone: (505) 793-3099		

Record Retention: Submit with Closure  
File: EH&S



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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: JICARILL 93 # 12B	API #: 30-039-29805
----------------------------------	---------------------

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: 4/7/09 10:00
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 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: film on to of pit, doesn't look like oil, going to put some oil booms in pit just to be safe

Inspector Signature:

Printed Name: Craig Ward

Title: CONSULTANT

Date: 04/07/2009 Phone: (505) 793-3099

Record Retention: Submit with Closure  
File: EH&S

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



## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> JICARILLA 93 # 12B	<b>API #:</b> 30-039-29805
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<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
---	---

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported: 4/3/09 10:00
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 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:		
Printed Name: Craig Ward		
Title: CONSULTANT		
Date: 04/03/2009 Phone: (505) 793-3099		

Record Retention: Submit with Closure  
File: EH&S

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



## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Jicarilla 93 #12-B	API #: 30-039-29805
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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: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 11/26/ 2008 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 93 #12-B	API #: 30-039-29805
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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: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 11/27/ 2008 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 93 #12-B

API #: 30-039-29805

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 11/28/ 2008 Phone: ( 505 ) 486-1935		

Record Retention: Submit with Closure  
File: EH&S

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720 So. Main / PO Box 640  
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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Jicarilla 93 #12-B

API #: 30-039-29805

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
Pit Properly Fenced (no fence on rig side if on site)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required (if site fully fenced)	
Pit Slopes intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Adequate freeboard (liquid level 2 vertical feet from berm top)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Free oil or sheen present on pit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flare Pit free of liquids	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 11/29/ 2008 Phone: ( 505 ) 486-1935		

Record Retention: Submit with Closure  
File: EH&S

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Jicarilla 93 #12-B	API #: 30-039-29805
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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: 11/30/ 2008 Phone: ( 505 ) 486-1935		

Record Retention: Submit with Closure  
File: EH&S

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720 So. Main / PO Box 640  
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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Jicarilla 93 #12-B	API #: 30-039-29805
-----------------------------------	---------------------

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: 12/01/ 2008 Phone: ( 505 ) 486-1935		

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 93 #12-B	API #: 30-039-29805
-----------------------------------	---------------------

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: 12/02/ 2008 Phone: ( 505 ) 486-1935		

Record Retention: Submit with Closure  
File: EH&S

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



## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Jicarilla 93 #12-B	<b>API #:</b> 30-039-29805
--	----------------------------

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

Pit Liner intact (no visible tears)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Report to EH&S immediately	Date / Time Reported:
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Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 12/10/ 2008 Phone: ( 505 ) 486-1935		

Record Retention: Submit with Closure  
File: EH&S

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

### FACILITY INFORMATION

Facility Name: Jicarilla 93 #12-B	API #: 30-039-29805
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Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 12/11/ 2008 Phone: ( 505 ) 486-1935		

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Jicarilla 93 #12-B	API #: 30-039-29805
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Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 12/12/ 2008 Phone: ( 505 ) 486-1935		

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## Temporary Pit Inspection

### FACILITY INFORMATION

Facility Name: Jicarilla 93 #12-B	API #: 30-039-29805
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Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 12/13/ 2008 Phone: ( 505 ) 486-1935		

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File: EH&S

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



## Temporary Pit Inspection

### FACILITY INFORMATION

<b>Facility Name:</b> Jicarilla 93 #12-B	<b>API #:</b> 30-039-29805
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<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 12/14/ 2008 Phone: ( 505 ) 486-1935		

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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

<b>Facility Name:</b> Jicarilla 93 #12-B	<b>API #:</b> 30-039-29805
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<b>Pit Type:</b> <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover <input type="checkbox"/> Cavitation	<b>Inspection:</b> <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly
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Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 12/15/ 2008 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

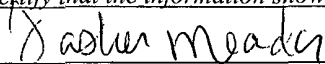
Facility Name: Jicarilla 93 #12-B	API #: 30-039-29805
-----------------------------------	---------------------

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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Comments:		
Inspector Signature: HARMON COCKRELL		
Printed Name: HARMON COCKRELL		
Title: DRILLING CONSULTANT ( TDCI )		
Date: 12/16/ 2008 Phone: ( 505 ) 486-1935		

Record Retention: Submit with Closure  
File: EH&S



Submit To Appropriate District Office Two Copies <b>District I</b> 1625 N French Dr., Hobbs, NM 88240 <b>District II</b> 1301 W. Grand Avenue, Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 1220 S. St Francis Dr., Santa Fe, NM 87505	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> July 17, 2008								
		1. WELL API NO. <div style="text-align: right;">30-039-29805</div>								
		2. Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN								
		3. State Oil & Gas Lease No Jicarilla Contract #93								
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
4. Reason for filing:  <input type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input checked="" type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)		5. Lease Name or Unit Agreement Name <div style="text-align: right;">Jicarilla Apache Nation</div>								
		6. Well Number:  <div style="text-align: right;">Jicarilla "93" #12B</div>								
7. Type of Completion <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator    WILLIAMS PRODUCTION, LLC		9. OGRID    120782								
10. Address of Operator    P.O. BOX 640    AZTEC, NM 87410		11. Pool name or Wildcat								
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:										
BH:										
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released 4/1/2009		16. Date Completed (Ready to Produce)			17. Elevations (DF and RKB, RT, GR, etc.)			
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?			21. Type Electric and Other Logs Run			
22. Producing Interval(s), of this completion - Top, Bottom, Name										
<b>23. CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB /FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
<b>28. PRODUCTION</b>										
Date First Production		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )					Well Status ( <i>Prod. or Shut-in</i> )			
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl	Oil Gravity - API - ( <i>Corr</i> )				
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )							30. Test Witnessed By			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.    Attached										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude    36.3204127    Longitude    -107.08221462    NAD 1927    X1983										
<i>I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief</i>										
Signature		Name			Title		Date			
		Michael K. Lane			EH&S Specialist					
E-mail Address:    myke.lane@williams.com										

**WILLIAMS PRODUCTION**  
**TEMP PIT CLOSURE REPORT ADDENDUM**  
**Jicarilla 93 #12B**

Req #

- 1** Date & How free standing liquids removed in following manner: 5/4/2009  
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: 4/1/2009  
Pit covered on following date: 7/8/2009  
Reseeding started/scheduled for following date: Spring/Fall 2009  
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: 5/4/2009  
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 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):

### Jicarilla 93 #12B

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: 7/8/2009
- 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, Jicarilla 93 #12B , Unit D, Sec. 34; 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
-

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED

DATE 10/10/01 BY SP-10

REASON FOR DECLASSIFICATION

1.5X DOWNGRADING

1.5X DOWNGRADING

1.5X DOWNGRADING

12.16.2009

RCVD JUN 7 '12

OIL CONS. DIV.

DIST. 3

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

## District I

1615 N. French Dr., Hobbs, NM 88240

## District II

1301 W. Grand Avenue, Arizola, NM 88210

## District III

1600 Rio Brazos Rd., Aztec, NM 87410

## District IV

1219 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>030-039-29805</b>	Pool Code <b>72319</b>	Pool Name <b>BLANCO MESA VERDE</b>
Property Code	Property Name <b>JICARILLA 83</b>	Well Number <b>12B</b>
OCRID No. <b>120782</b>	Operator Name <b>WILLIAMS PRODUCTION COMPANY</b>	Elevation <b>7181</b>

## 10 Surface Location

UT or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>D</b>	<b>34</b>	<b>27N</b>	<b>3W</b>		<b>1190</b>	<b>NORTH</b>	<b>660</b>	<b>WEST</b>	<b>RIO ARriba</b>

## 11 Bottom Hole Location If Different From Surface

UT or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <b>320 Ac. W/2</b>	Joint or Infill	Consolidation Code	Order No.						

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

16 1190 660		5277.36		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
				Signature
				Printed Name
				Title and Postal Address
				Date
5284.74	34		5280.00	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my belief.
				August 26, 2008
				Surveyor's Name
				Surveyor's License No.
				Surveyor's Signature
		5284.84		Surveyor's Seal NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 19672