

District II  
1301 W Grand Ave , Artesia, NM 88210

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

**For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office**

District III  
1000 Rio Brazos Rd , Aztec, NM 87410

**For permanent pits and exceptions** submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office

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

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: ConocoPhillips Company OGRID#: 217817  
Address: P.O. Box 4289, Farmington, NM 87499  
Facility or well name. BRUINGTON LS 100S  
API Number 30-045-34714 OCD Permit Number \_\_\_\_\_  
U/L or Qtr/Qtr' I(NE/SE) Section: 6 Township. 30N Range. 11W County: San Juan  
Center of Proposed Design: Latitude: 36.83841 °N Longitude: 108.0252 °W NAD: ☐ 1927 ☒ 1983  
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2

☒ **Pit:** Subsection F or G of 19 15 17 11 NMAC

Temporary ☒ Drilling ☐ Workover

☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A

☒ Lined ☐ Unlined Liner type Thickness 20 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_

☒ String-Reinforced

Liner Seams ☒ Welded ☒ Factory ☐ Other \_\_\_\_\_ Volume 7000 bbl Dimensions L 120' x W 55' x D 12'

3 ☐ **Closed-loop System:** Subsection H of 19 15 17 11 NMAC

Type of Operation ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)

☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other \_\_\_\_\_

☐ Lined ☐ Unlined Liner type \_\_\_\_\_ Thickness \_\_\_\_\_ mil ☐ LLDPE ☐ HDPE ☐ PVD ☐ Other \_\_\_\_\_

Liner Seams ☐ Welded ☐ Factory ☐ Other \_\_\_\_\_

3037-123456789

4 ☐ **Below-grade tank:** Subsection I of 19 15 17 11 NMAC

Volume \_\_\_\_\_ bbl Type of fluid \_\_\_\_\_

Tank Construction material \_\_\_\_\_

☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off

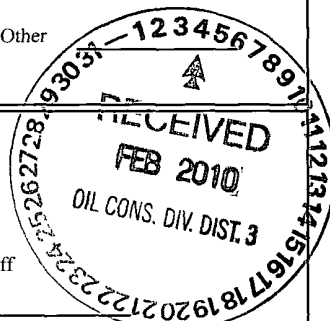
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other \_\_\_\_\_

Liner Type Thickness \_\_\_\_\_ mil ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_

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5 ☐ **Alternative Method:**

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.



6

**Fencing:** Subsection D of 19 15 17 11 NMAC (*Applies to permanent pit, 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 \_\_\_\_\_

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 of the Santa Fe Environmental Bureau office for consideration of approval (Fencing/BGT Liner)

☐

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 watercourse, 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.**

(*Applied 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 \_\_\_\_\_ or Permit \_\_\_\_\_

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**Closed-loop Systems Permit Application Attachment Checklist:** Subsection B of 19 15 17 9 NMAC

*Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.*

- ☐ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19 15 17 9 NMAC
- ☐ 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 \_\_\_\_\_

☐ Previously Approved Operating and Maintenance Plan      API \_\_\_\_\_

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**Permanent Pits Permit Application Checklist:** Subsection B of 19 15 17 9 NMAC

*Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.*

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19 15 17 9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19 15 17 11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19 15 17 11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19 15 17 11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19 15 17 11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19 15 17 11 NMAC
- ☐ Nuisance or Hazardous Odors, including H<sub>2</sub>S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19 15 17 9 NMAC and 19 15 17 13 NMAC

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**Proposed Closure:** 19 15 17 13 NMAC

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

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

Proposed Closure Method    ☐ Waste Excavation and Removal  
   ☐ Waste Removal (Closed-loop systems only)  
   ☐ On-site Closure Method (only for temporary pits and closed-loop systems)  
   ☐ In-place Burial    ☐ On-site Trench  
   ☐ Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)

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

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

**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 # \_\_\_\_\_

Disposal Facility Name \_\_\_\_\_ Disposal Facility Permit # \_\_\_\_\_

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

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

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

☐ Soil Backfill and Cover Design Specification - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC

☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC

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

**Siting Criteria (Regarding on-site closure methods only:** 19 15 17 10 NMAC

*Instructions Each siting criteria requires a demonstration of compliance in the closure plan Recommendations of acceptable source material are provided below Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval Justifications and/or demonstrations of equivalency are required Please refer to 19 15 17 10 NMAC for guidance*

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

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

☐ Yes ☐ No

☐ N/A

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

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

☐ Yes ☐ No

☐ N/A

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

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

☐ Yes ☐ No

☐ N/A

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

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

☐ Yes ☐ No

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

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

Within 500 feet of a wetland

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

☐ Yes ☐ No

Within the area overlying a subsurface mine

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

☐ Yes ☐ No

Within an unstable area

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

☐ Yes ☐ No

Within a 100-year floodplain

- FEMA map

☐ Yes ☐ No

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

☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC

☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC

☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19 15 17 11 NMAC

☐ Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of 19 15 17 11 NMAC

☐ Protocols and Procedures - based upon the appropriate requirements of 19 15 17 13 NMAC

☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC

☐ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC

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

☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC

☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC

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

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**Operator Application Certification:**

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

Name (Print) \_\_\_\_\_ Title \_\_\_\_\_  
 Signature \_\_\_\_\_ Date \_\_\_\_\_  
 e-mail address \_\_\_\_\_ Telephone \_\_\_\_\_

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

**OCD Representative Signature:** Jonathan D. Kelly **Approval Date:** 9/26/2011
**Title:** Compliance Officer **OCD Permit Number:** \_\_\_\_\_

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

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

☒ **Closure Completion Date:** June 8, 2009

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**Closure Method:**

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

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

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

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

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

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

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

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

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

☒ Proof of Closure Notice (surface owner and division)  
☒ Proof of Deed Notice (required for on-site closure)  
☒ Plot Plan (for on-site closures and temporary pits)  
☒ Confirmation Sampling Analytical Results (if applicable)  
☐ Waste Material Sampling Analytical Results (if applicable)  
☒ 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 36.8386083 °N Longitude 108.0252667 °W NAD ☐ 1927 ☒ 1983

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**Operator Closure Certification:**

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

Name (Print) Marie E. Jaramillo Title Staff Regulatory Tech  
 Signature \_\_\_\_\_ Date \_\_\_\_\_  
 e-mail address marie.e.jaramillo@conocophillips.com Telephone 505-326-9865

**ConocoPhillips Company**  
**San Juan Basin**  
**Closure Report**

**Lease Name: BRUINGTON LS 100S**

**API No.: 30-045-34714**

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure of the temporary pit referenced above. All proper documentation regarding closure activities is being included with the C-144. The temporary pit for this location was constructed and location drilled before June 16, 2008 (effective date for Rule 19.15.17). While closure of the temporary pit did fall within the rule some dates for submittals are after the rig release date

- Details on Capping and Covering, where applicable. **(See report)**
- Plot Plan (Pit Diagram) **(Included as an attachment)**
- Inspection Reports **(Included as an attachment)**
- Sampling Results **(Included as an attachment)**
- C-105 **(Included as an attachment)**
- Copy of Deed Notice will be filed with County Clerk **(Not required on Federal, State, or Tribal land as stated by FAQ dated October 30, 2008)**

**General Plan:**

1. All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division-approved facility or recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves.

**All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011) and JFJ Landfarm % IEI (Permit #NM-01-0010B).**

2. The preferred method of closure for all temporary pits will be on-site burial, assuming that all the criteria listed in sub-section (B) of 19.15.17.13 are met.

**The pit was closed using onsite burial.**

3. The surface owner shall be notified of COPC's closing of the temporary pit as per the approved closure plan using certified mail, return receipt requested.

**The closure process notification to the landowner was sent via email. (See Attached)(Well located on Federal Land, certified mail is not required for Federal Land per BLM/OCD MOU.)**

4. Within 6 months of the Rig Off status occurring COPC will ensure that temporary pits are closed, re-contoured, and reseeded.

**Provision 4 of the closure plan requirements were not met due to rig move off date as noted on C-105 which was prior to pit rule change. ConocoPhillips will ensure compliance with this rule in the future.**

5. Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following:
  - i. Operator's name
  - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

**Notification is attached.**

6. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove "All" of the liner i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at a licensed disposal facility.

**Liner of temporary pit was removed above "mud level" after stabilization. Removal of the liner consisted of manually cutting liner at mud level and removing all remaining liner. Care was taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried. All excessive liner was disposed of at a licensed disposal facility, (San Juan County Landfill).**

7. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve the solidification process. The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed a safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.

**ConocoPhillips mixed the Pit contents with non-waste containing, earthen material in order to achieve the solidification process. The solidification process was accomplished by using a combination of natural drying and mechanically mixing. Pit contents were mixed with non-waste, earthen material to a consistency that is deemed as safe and stable. The mixing ratio consisted of approximately 3 parts clean soil to 1 part pit contents.**

8. A five point composite sample will be taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e., Dig and haul.

**A five point composite sample was taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). (Sample results attached).**

Components	Tests Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	2.3 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	17.0 ug/kG
TPH	EPA SW-846 418.1	2500	60.0mg/kg
GRO/DRO	EPA SW-846 8015M	500	2.9 mg/Kg
Chlorides	EPA 300.1	1000/500	150 mg/L

9. Upon completion of solidification and testing standards being passed, the pit area will be backfilled with compacted, non-waste containing, earthen material. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater. If standard testing fails BR will dig and haul all contents pursuant to 19.15.17.13.i.a. After doing such, confirmation sampling will be conducted to ensure a release has not occurred.

**The pit material passed solidification and testing standards. The pit area was then backfilled with compacted, non-waste containing, earthen material. More than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.**

10. During the stabilization process if the liner is ripped by equipment the Aztec OCD office will be notified within 48 hours and the liner will be repaired if possible. If the liner can not be repaired then all contents will be excavated and removed.

**The integrity of the liner was not damaged in the pit closure process.**

11. Dig and Haul Material will be transported to the Envirotech Land Farm located 16 miles south of Bloomfield on Angel Peak Road, CR 7175. Permit # NM010011

**Dig and Haul was not required.**

12. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be placed in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.

**The pit area was re-contoured to match fit, shape, line, form and texture of the surrounding area. Re-shaping included drainage control, to prevent ponding and erosion. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final re-contour has a uniform appearance with smooth surface, fitting the natural landscape.**

13. Notification will be sent to OCD when the reclaimed area is seeded.

**Provision 13 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.**

14. COPC shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will be used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

**Provision 14 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.**

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

**Provision 15 was accomplished by installing a steel marker in the temporary pit, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial. The marker is flush with the ground to allow access of the active well pad and for safety concerns. The top of the marker contains a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate contains the following: Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.**

**The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: COP, BLM, BURINGTON LS 100S, UL-I, Sec. 6, T 30N, R 11W, API # 30-045-34714**



## **Tafoya, Crystal**

---

**From:** Tafoya, Crystal  
**Sent:** Wednesday, August 27, 2008 10:15 AM  
**To:** 'mark\_kelly@nm.blm.gov'  
**Subject:** Surface Owner Notification

Good Morning Mr. Kelly,

The following temporary pits will be closed on-site. Please let me know if you have any questions.

San Juan 31-6 Unit #27F  
Huerfanito Unit #96E  
Huerfano Unit #314  
Bruington LS #100S

Thank you,

Crystal L. Tafoya  
Regulatory Technician  
**ConocoPhillips Company**  
San Juan Business Unit  
Phone: (505) 326-9837  
Email: Crystal.Tafoya@conocophillips.com

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

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

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

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

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

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL	
*Property Code	*Property Name BRUINGTON LS			*Well Number 100S
*DGRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY			*Elevation 5872'

### <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
I	6	30N	11W		1575	SOUTH	660	EAST	SAN JUAN

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

U. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 314.26 Acres - E/2					<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

The survey plat shows 15 lots arranged in a grid. The lots are numbered 4 through 15. The dimensions of the lots and the survey are as follows:

- Lot 4: 1298.88' x 1331.22'
- Lot 5: 1298.22' x 1331.22'
- Lot 6: 1298.22' x 1331.22'
- Lot 7: 1381.38' x 1331.22'
- Lot 8: 1310.76' x 2638.02'
- Lot 9: 1310.76' x 2638.02'
- Lot 10: 1298.88' x 1280.40'
- Lot 11: 1300.86' x 2638.02'
- Lot 12: 1300.86' x 2638.02'
- Lot 13: 660' x 990'
- Lot 14: 660' x 990'
- Lot 15: 1303.50' x 2607.00'

The survey is bounded by the following dimensions:

- Top: 1298.88', 1280.40', 2638.02', 1310.76', 1300.86'
- Bottom: 1381.38', 1303.50', 2607.00', 1575', 2557.50'
- Left: 1298.88', 1298.22', 2632.74'
- Right: 1310.76', 1300.86', 990', 660', 1575', 2557.50'

The survey is divided into two main sections by a dashed line. The top section is labeled "LEASE USA SF-078781" and the bottom section is labeled "LEASE USA SF-078781". The bottom section is further divided into two sub-sections by a dashed line, labeled "LEASE USA SF-078781" and "LEASE FEE".

**6**

LAT: 36.83841° N  
 LONG: 108.02520° W  
 DATUM: NAD83

LAT: 36.503046° N  
 LONG: 108.014744° W  
 DATUM: NAD27

**17 OPERATOR CERTIFICATION**

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

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

Printed Name \_\_\_\_\_

**18 SURVEYOR CERTIFICATION**

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

Survey Date: FEBRUARY, 5, 2008

Signature and Seal of Professional Surveyor:

**JASON C. EDWARDS**  
 NEW MEXICO  
 15269  
 REGISTERED PROFESSIONAL SURVEYOR

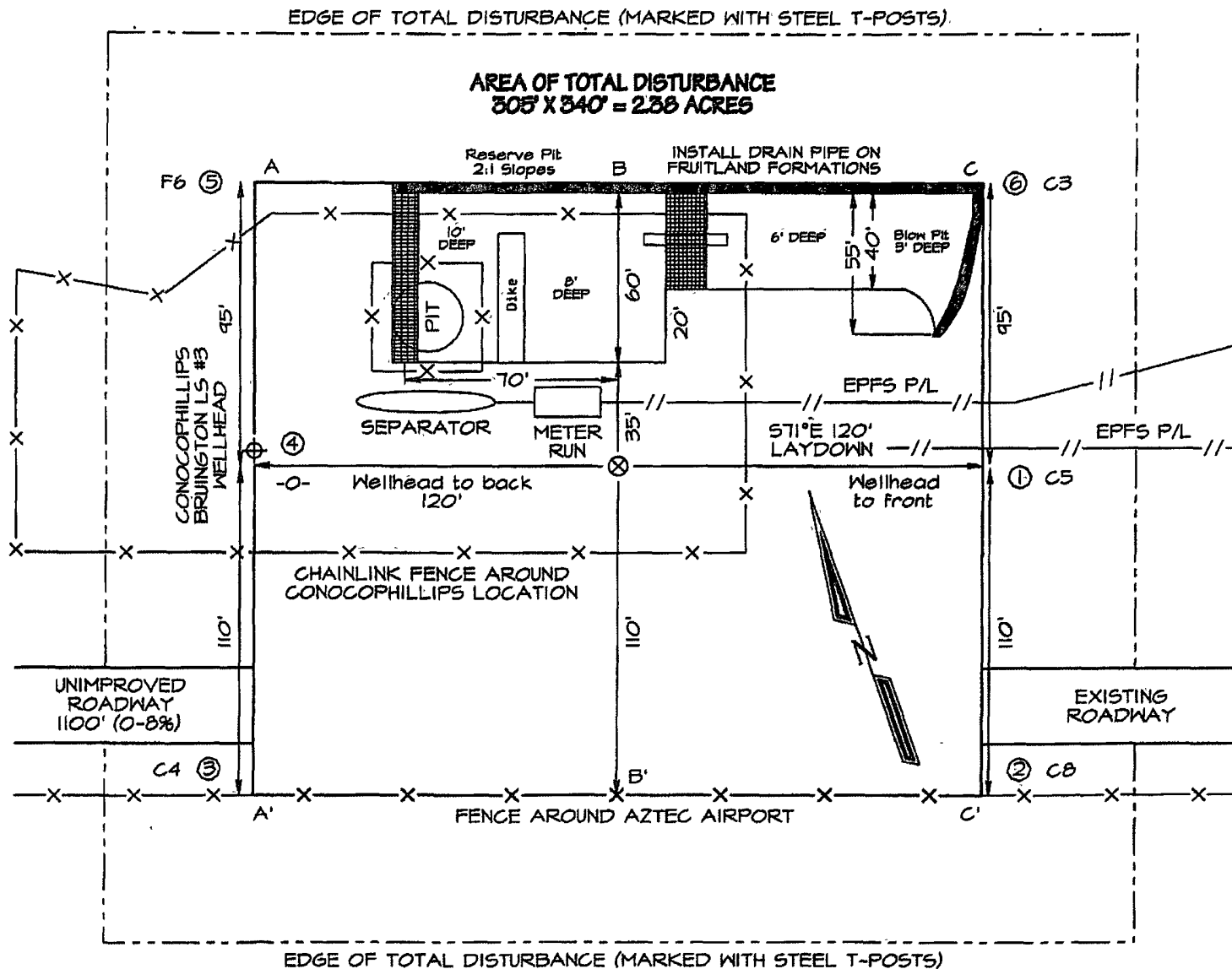
**JASON C. EDWARDS**  
 Certificate Number 15269

**CONOCOPHILLIPS COMPANY BRUINGTON LS #100S**  
**1575' FSL & 660' FEL, SECTION 6, T30N, R11W, NMPM**  
**SAN JUAN COUNTY, NEW MEXICO ELEVATION: 5872'**

LATITUDE: 36°50.3046'N  
 LONGITUDE: 108°01.4744'W  
 DATUM: NAD1927

~ SURFACE OWNER ~

Bureau of Land Management



NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.



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

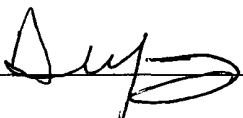
Client	ConocoPhillips	Project #:	96052-0026
Sample ID	Bruington LS #100S Background	Date Reported:	03-11-09
Laboratory Number.	49197	Date Sampled.	03-02-09
Chain of Custody No:	6011	Date Received:	03-05-09
Sample Matrix:	Soil	Date Extracted:	03-09-09
Preservative:	Cool	Date Analyzed	03-10-09
Condition	Intact	Analysis Requested.	8015 TPH

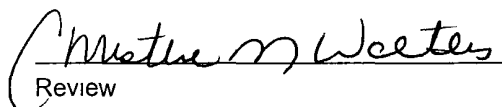
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

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

Comments:      **Drilling Pit Sample.**

  
\_\_\_\_\_  
Analyst

  
\_\_\_\_\_  
Review



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

Client	ConocoPhillips	Project #.	96052-0026
Sample ID.	Bruington LS #100S Background	Date Reported:	03-11-09
Laboratory Number:	49197	Date Sampled:	03-02-09
Chain of Custody No.	6011	Date Received:	03-05-09
Sample Matrix.	Soil	Date Extracted:	03-09-09
Preservative:	Cool	Date Analyzed:	03-10-09
Condition.	Intact	Analysis Requested	8015 TPH

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

ND - Parameter not detected at the stated detection limit

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

Comments: **Drilling Pit Sample.**

Analyst

Review



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

**Quality Assurance Report**

Client	QA/QC	Project #	N/A
Sample ID	03-10-09 QA/QC	Date Reported	03-11-09
Laboratory Number	49192	Date Sampled	N/A
Sample Matrix	Methylene Chloride	Date Received	N/A
Preservative	N/A	Date Analyzed	03-10-09
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 0109E+003	1 0113E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9 8182E+002	9 8221E+002	0.04%	0 - 15%

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


Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	1.7	1.6	5.9%	0 - 30%
Diesel Range C10 - C28	5.2	5.4	3.8%	0 - 30%

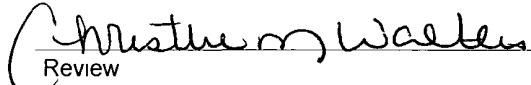
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	1.7	250	235	93.5%	75 - 125%
Diesel Range C10 - C28	5.2	250	242	94.9%	75 - 125%

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 49192 - 49201.**

Analyst 

Review 



Client	ConocoPhillips	Project #	96052-0026
Sample ID	Bruington LS #100S	Date Reported	03-11-09
Laboratory Number	49196	Date Sampled	03-02-09
Chain of Custody	6011	Date Received	03-05-09
Sample Matrix	Soil	Date Analyzed	03-10-09
Preservative	Cool	Date Extracted	03-09-09
Condition	Intact	Analysis Requested	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	2.3	0.9
Toluene	4.3	1.0
Ethylbenzene	1.7	1.0
p,m-Xylene	4.4	1.2
o-Xylene	4.3	0.9
Total BTEX	17.0	

ND - Parameter not detected at the stated detection limit


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

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

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

**Comments:**      **Drilling Pit Sample.**

  
Analyst

  
Review



Client	ConocoPhillips	Project #	96052-0026
Sample ID	Bruington LS #100S Background	Date Reported	03-11-09
Laboratory Number	49197	Date Sampled	03-02-09
Chain of Custody	6011	Date Received	03-05-09
Sample Matrix	Soil	Date Analyzed	03-10-09
Preservative	Cool	Date Extracted	03-09-09
Condition	Intact	Analysis Requested	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	12.3	0.9
Toluene	7.6	1.0
Ethylbenzene	2.9	1.0
p,m-Xylene	15.9	1.2
o-Xylene	6.8	0.9
Total BTEX	45.5	

ND - Parameter not detected at the stated detection limit

Surrogate Recoveries.	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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

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

**Comments:**      **Drilling Pit Sample.**

Analyst

Review



Client	N/A	Project #	N/A
Sample ID	03-10-BT QA/QC	Date Reported	03-11-09
Laboratory Number	49192	Date Sampled	N/A
Sample Matrix	Soil	Date Received	N/A
Preservative	N/A	Date Analyzed	03-10-09
Condition	N/A	Analysis	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	3.1834E+005	3.1898E+005	0.2%	ND	0.1
Toluene	4.0477E+005	4.0559E+005	0.2%	ND	0.1
Ethylbenzene	3.9150E+005	3.9228E+005	0.2%	ND	0.1
p,m-Xylene	9.5857E+005	9.6049E+005	0.2%	ND	0.1
o-Xylene	4.6274E+005	4.6367E+005	0.2%	ND	0.1

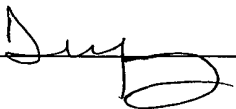
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	22.2	23.5	5.9%	0 - 30%	0.9
Toluene	17.9	18.1	1.1%	0 - 30%	1.0
Ethylbenzene	15.8	18.2	15.2%	0 - 30%	1.0
p,m-Xylene	43.7	46.7	6.9%	0 - 30%	1.2
o-Xylene	27.2	28.0	2.9%	0 - 30%	0.9

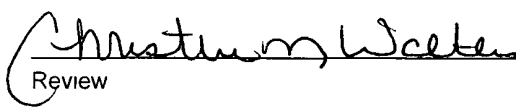
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	22.2	50.0	67.8	93.9%	39 - 150
Toluene	17.9	50.0	64.9	95.6%	46 - 148
Ethylbenzene	15.8	50.0	64.8	98.5%	32 - 160
p,m-Xylene	43.7	100	142	98.5%	46 - 148
o-Xylene	27.2	50.0	75.5	97.8%	46 - 148

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 49192 - 49201.**

Analyst 

Review 



Client	ConocoPhillips	Project #:	96052-0026
Sample ID:	Bruington LS #100S	Date Reported	03-12-09
Laboratory Number:	49196	Date Sampled:	03-02-09
Chain of Custody No	6011	Date Received:	03-05-09
Sample Matrix:	Soil	Date Extracted:	03-06-09
Preservative:	Cool	Date Analyzed:	03-06-09
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	60.0	5.0

ND = Parameter not detected at the stated detection limit.

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

Comments: **Drilling Pit Sample.**

Analyst Marcia H

Review Christopher M. Wooten



Client	ConocoPhillips	Project #:	96052-0026
Sample ID	Bruington LS #100S Background	Date Reported:	03-12-09
Laboratory Number.	49197	Date Sampled:	03-02-09
Chain of Custody No:	6011	Date Received:	03-05-09
Sample Matrix	Soil	Date Extracted:	03-06-09
Preservative:	Cool	Date Analyzed:	03-06-09
Condition:	Intact	Analysis Needed:	TPH-418.1

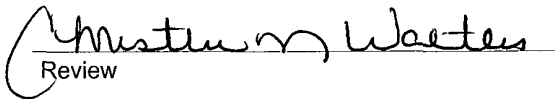
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	49.2	5.0

ND = Parameter not detected at the stated detection limit.

References      Method 418 1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments:      **Drilling Pit Sample.**

Analyst 

Review 



# envirotech

Analytical Laboratory

EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS  
QUALITY ASSURANCE REPORT

Client	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	03-12-09
Laboratory Number	03-06-TPH QA/QC 49192	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	03-06-09
Preservative:	N/A	Date Extracted:	03-06-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
	02-13-09	03-06-09	1,500	1,600	6.7%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	18.0

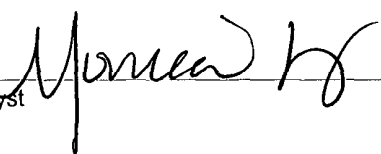
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
TPH	72.0	60.0	16.7%	+/- 30%

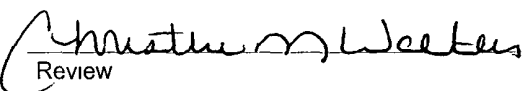
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	72.0	2,000	1,800	86.9%	80 - 120%

ND = Parameter not detected at the stated detection limit.

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

Comments: QA/QC for Samples 49192 - 49201.

Analyst 

Review 



Client	ConocoPhillips	Project #	96052-0026
Sample ID	Bruington LS #100s	Date Reported:	03-12-09
Lab ID#:	49196	Date Sampled:	03-02-09
Sample Matrix:	Soil	Date Received:	03-05-09
Preservative	Cool	Date Analyzed:	03-06-09
Condition	Intact	Chain of Custody	6011

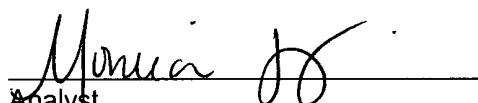
Parameter	Concentration (mg/Kg)
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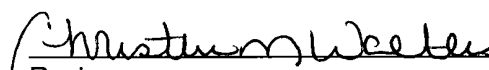
**Total Chloride**

**150**

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: **Drilling Pit Sample.**

  
Analyst

  
Review



Client:	ConocoPhillips	Project #	96052-0026
Sample ID:	Bruington LS #100s Background	Date Reported:	03-12-09
Lab ID#:	49197	Date Sampled:	03-02-09
Sample Matrix:	Soil	Date Received:	03-05-09
Preservative	Cool	Date Analyzed:	03-06-09
Condition:	Intact	Chain of Custody	6011

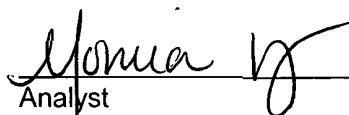
Parameter	Concentration (mg/Kg)
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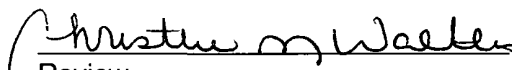
**Total Chloride**

**90**

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: **Drilling Pit Sample.**

  
\_\_\_\_\_  
Analyst

  
\_\_\_\_\_  
Review

Submit To Appropriate District Office Two Copies District I 1625 N French Dr , Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd , Aztec, NM 87410 District IV 1220 S St Francis Dr , Santa Fe, NM 87505	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> July 17, 2008  1. WELL API NO. 30-045-34714 2 Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN 3 State Oil & Gas Lease No SF-078781			
<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 BURINGTON LS 6 Well Number 100S			
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		9 OGRID 217817 11 Pool name or Wildcat			
8 Name of Operator ConocoPhillips Company 10 Address of Operator		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 10/21/08	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
<b>24 LINER RECORD</b>			<b>25 TUBING RECORD</b>		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
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 (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl
29 Disposition of Gas (Sold, used for fuel, vented, etc )					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					
33 If an on-site burial was used at the well, report the exact location of the on-site burial					
Latitude 36 8386088°N    Longitude 108 0252667°W    NAD <input type="checkbox"/> 1927 <input checked="" type="checkbox"/> 1983 I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief					
Signature		Printed Name Marie E. Jaramillo		Title: Staff Regulatory Tech    Date: 2/2/2010	
E-mail Address marie.e.jaramillo@conocophillips.com					



**Pit Closure Form:**

Date: 6/8/2009

Well Name: Bruington LS 1005

Footages: 1575 FSL 660 FEL Unit Letter: J

Section: 6, T-30-N, R-11-W, County: SS State: NM

Contractor Closing Pit: JD Ritter

Construction Inspector: Norman Faver Date: 6/9/2009

Inspector Signature: Norman Faver



**Jaramillo, Marie E**

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**From:** Silverman, Jason M  
**Sent:** Monday, June 01, 2009 12:47 PM  
**To:** Brandon Powell@state nm us, Mark Kelly, Robert Switzer; Sherrie Landon  
**Cc:** 'JDRITT@aol.com', Becker, Joey W, Bonilla, Amanda; Bowker, Terry D, Busse, Dollie L; Chavez, Virgil E, Gordon Chenault, GRP SJBU Production Leads, Hockett, Christy R, KENDAL BASSING; Kennedy, Jim R; Lopez, Richard A; Nelson, Terry J; O'Nan, Mike J; Peace, James T; Pierce, Richard M, Poulson, Mark E; Richards, Brian, Silverman, Jason M; Smith, Randall O, Stamets, Steve A, Thacker, LARRY, Work, Jim A, Art Sanchez, Faver Norman (faverconsulting@yahoo.com), Jared Chavez, Scott Smith, Smith Eric (sconsulting eric@gmail.com), Stan Mobley, Terry Lowe, Blair, Maxwell O (Maxwell O Blair@conocophillips.com); Blakley, Maclovio, Clark, Joan E (Joni E Clark@conocophillips.com); Farrell, Juanita R (Juanita R Farrell@conocophillips.com), Gillette, Steven L (Gray Surface Specialties and Consulting, Ltd ); Greer, David A, Hines, Derek J (Finney Land Co ), Mankin, Mike L (Mike L Mankin@conocophillips.com), Maxwell, Mary Alice, McWilliams, Peggy L, Seabolt, Elmo F (Elmo.F Seabolt@conocophillips.com), Stallsmith, Mark R  
**Subject:** Reclamation Notice: Bruington LS 100S  
**Importance:** High  
**Attachments:** Bruington LS 100S pdf

**JD RITTER** will move a tractor to the **Bruington LS 100S** on **Thursday, June 4th, 2009** to start the Reclamation Process.  
Please contact Norm Faver (320-0670) if you have any questions or need further assistance.

Thanks, Jason Silverman

**Jason Silverman** -----  
Construction Technician  
**ConocoPhillips Company - SJBU**  
**Construction Department**  
P.O. Box 4289  
Farmington, NM 87499-4289  
505-326-9821  
[Jason.M.Silverman@ConocoPhillips.com](mailto:Jason.M.Silverman@ConocoPhillips.com)

**ConocoPhillips Well Network #10220276**  
San Juan County, NM:

**Bruington LS 100S** – BLM surface / BLM minerals  
Twinned: Bruington LS 3  
1575' FSL, 660' FEL  
Sec. 6, T30N, R11W  
Unit Letter 'I'  
Lease #: USA SF-078781  
API #: 30-045-34714

Latitude: 36° 50' 18.27600" N (NAD 83)  
Longitude: 108° 01' 30.72000" W  
Elevation: 5872'

# ConocoPhillips

## Reclamation Form:

Date: 6/24/2009

Well Name: Bruington LS 1005

Footages: 1575 FSL 660 FEH Unit Letter: I

Section: 6, T-30-N, R-11-W, County: SS State: NM

Reclamation Contractor: JD Ritter

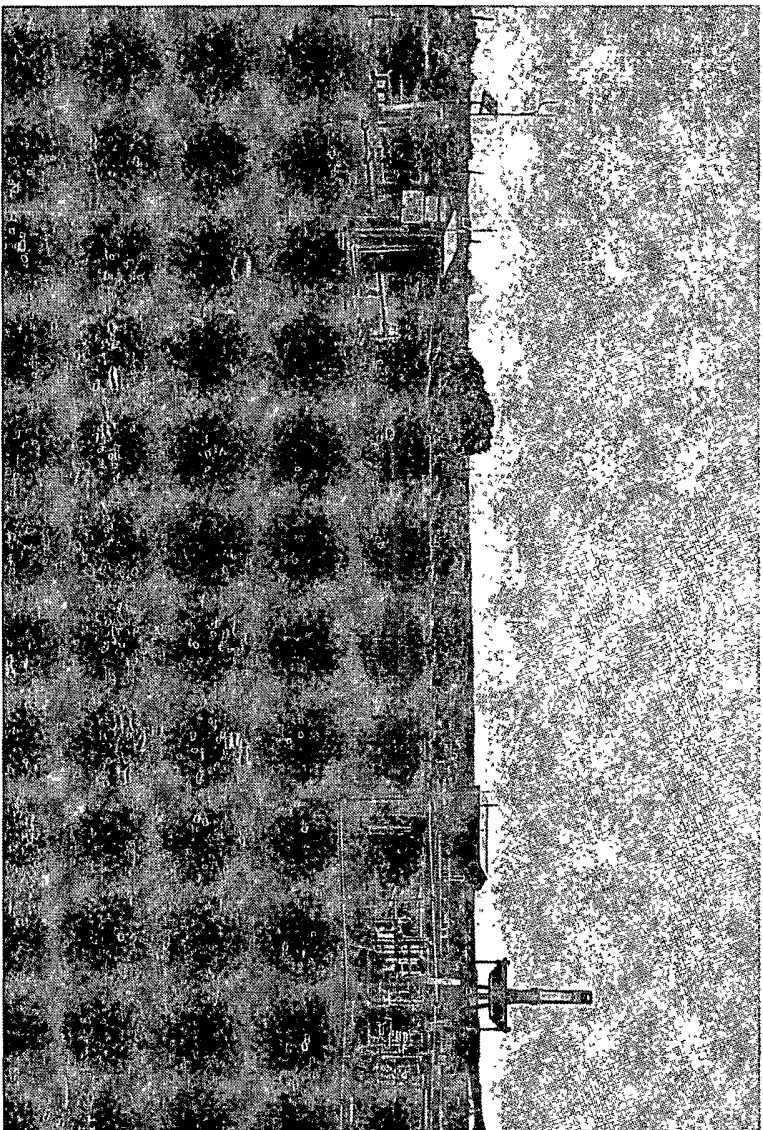
Reclamation Date: 6/9/2009

Road Completion Date: 6/9/2009

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

Construction Inspector: Norman Faver Date: 6/24/2009

Inspector Signature: Norman Faver



# CONOCOPHILLIPS COMPANY

BRUINGTON LS #100S

LATITUDE 36° 50' 18.27600'' N (NAD83)

LONGITUDE 108° 01' 30.72000'' W

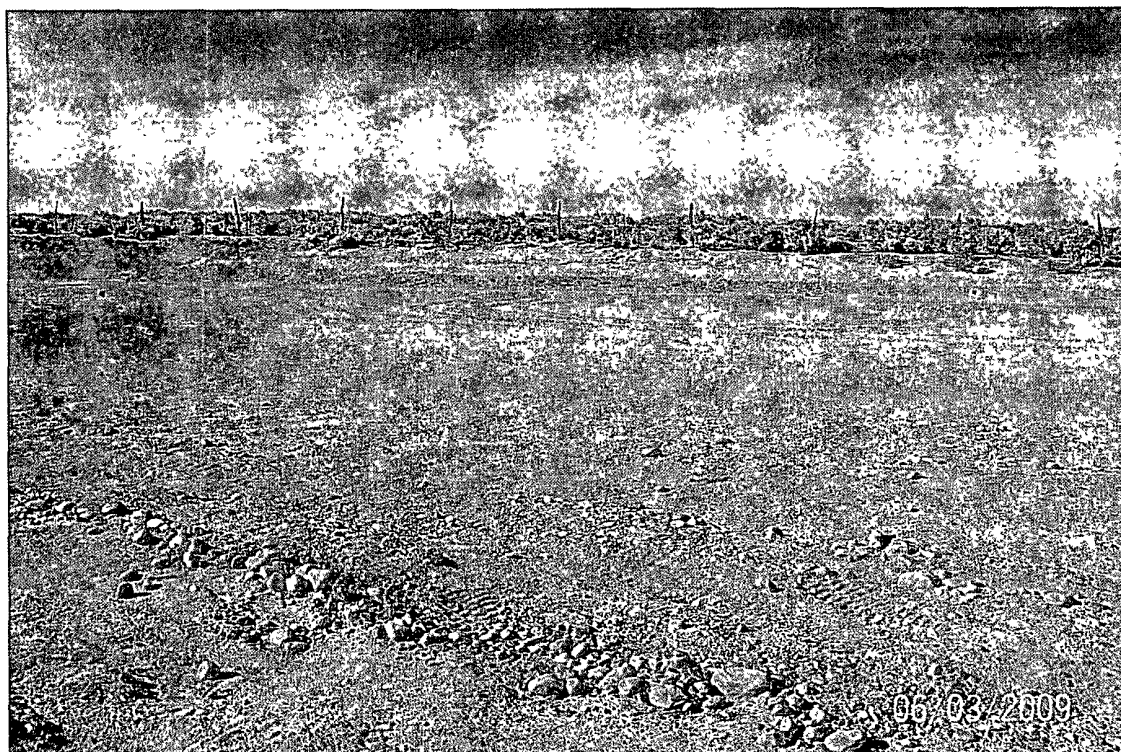
UNIT 1 SEC 6 T30N R11W

1575' FSL 660' FEL

API # 30-045-34714

LEASE # USA SF-078781 ELEV. 5872'

SAN JUAN COUNTY, NEW MEXICO



# WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

WELL NAME: Bruington LS 100S

API#: 30-045-34714

DATE	INSPECTOR	SAFETY CHECK	LOCATION CHECK	PICTURES TAKEN	COMMENTS
11/14/08	Rodney Woody	X	X	X	Crossfire to repair holes
11/24/08	Rodney Woody	X	X	X	Pit and location look good
2/3/09	Rodney Woody	X	X	X	Pit and location look good
2/6/09	Rodney Woody	X	X	X	Pit and location look good
2/12/09	Rodney Woody	X	X	X	Pit and location look good
3/2/09	Rodney Woody	X	X	X	Pit and location look good
3/13/09	Jared Chavez	X	X	X	Fence needs tightened Contacted Crossfire for repairs
3/19/09	Jared Chavez	X	X	X	Hole in liner Fence needs tightened contacted Crossfire for repairs
3/26/09	Jared Chavez	X	X	X	Pit and location in good condition
4/2/09	Jared Chavez	X	X	X	Pit and location in good condition
4/16/09	Jared Chavez	X	X	X	Pit and location in good condition
4/30/09	Jared Chavez	X	X	X	Pit and location in good condition
5/14/09	Jared Chavez	X	X	X	Pit and location in good condition
5/26/09	Jared Chavez	X	X	X	Pit and location in good condition
6/3/09	Jared Chavez	X	X	X	Well-head is leaking fluid and getting onto ground Contacted Verls Garner @ 8:30AM