District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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
Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

15790

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

Instructions: Please submit one application (Form C-144) per individual pit, 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

OIL CONS. DIV DIST. 3
JAN 09 2017

Address: PO BOX 4289, Farmington, NM 87499
Facility or well name: YEAGER COM 1
API Number: 30-045-24015 OCD Permit Number: _____
U/L or Qtr/Qtr C Section 6 Township 30N Range 11W County: San Juan
Center of Proposed Design: Latitude 36.845311 °N Longitude -108.035070 °W NAD: ☐ 1927 ☒ 1983
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☐ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC

Submit Seperate C-141 For Closure

Temporary: ☐ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no
☐ Lined ☐ Unlined Liner type: Thickness ____mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☐ String-Reinforced
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____ Volume: ____bbl Dimensions: L___ x W__ x D____

3.
☒ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: 120 bbl Type of fluid: Produced Water
Tank Construction material: Metal
☐ 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 UNSPECIFIED

4.
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
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_____

40

6.
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)

7.
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 19.15.16.8 NMAC

8.
Variances 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:

☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

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

9.
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. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting

Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. ☐ Yes ☐ No ☒ NA
- ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells

Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . ☐ Yes ☐ No ☒ NA
NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

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. **(Does not apply to below grade tanks)** ☐ Yes ☐ No
- Written confirmation or verification from the municipality; Written approval obtained from the municipality

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** ☐ Yes ☐ No
- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

Within an unstable area. **(Does not apply to below grade tanks)** ☐ Yes ☐ No
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

Within a 100-year floodplain. **(Does not apply to below grade tanks)** ☐ Yes ☐ No
- FEMA map

Below Grade Tanks

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). ☐ Yes ☒ No
- Topographic map; Visual inspection (certification) of the proposed site

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. ☐ Yes ☒ No
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) ☐ Yes ☐ No
- Topographic map; Visual inspection (certification) of the proposed site

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. ☐ Yes ☐ No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. ☐ Yes ☐ No
NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
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 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, 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 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

10.

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: _____

11.

Multi-Well Fluid Management Pit 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.

☐ 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
☐ A List of wells with approved application for permit to drill associated with the pit.
☐ 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
☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

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

12.
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_2S, 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

13.
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 ☐ Multi-well Fluid Management Pit ☐ 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

14.
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 C 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 H of 19.15.17.13 NMAC
- ☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.
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 require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant 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. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; 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 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

16.
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 E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K 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 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements 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 H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.
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: _____

18.
OCD Approval: ☐ Permit Application (including closure plan) ☒ Closure Plan ~~(only)~~ ☐ OCD Conditions (see attachment)

OCD Representative Signature: _____ **Approval Date:** 1/24/2017

Title: Environmental Specialist **OCD Permit Number:** _____

19.
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

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

☒ **Closure Completion Date:** 6/30/2009

20.
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.

21.
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 for private land only)
- ☐ 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 _____ °N _____ Longitude _____ °W _____ NAD: ☐ 1927 ☐ 1983

22.

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) Crystal Walker Title: Regulatory Coordinator

Signature: Crystal Walker Date: 1/6/2017

e-mail address: crystal.walker@cop.com Telephone: (505) 326-9837

ConocoPhillips Company
San Juan Basin
Below Grade Tank Closure Report

Lease Name: Yeager Com 1
API No.: 30-045-24015

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure of the below-grade tank referenced above. All proper documentation regarding closure activities is being included with the C-144.

General Plan:

1. COPC shall close a below-grade tank within 60 days of cessation of operations per Subsection G.4 of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, COPC will file the C144 Closure Report as required.

   The below-grade tank referenced above was permitted and closed within 60 days of cessation of the below-grade tanks operation.

2. COPC shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005), JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.

   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). The liner was cleaned per Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC was disposed of at the San Juan County Regional Landfill located on CR 3100.

3. COPC will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves.

   The below-grade tank was disposed of in a division-approved manner.

4. If there is any on-site equipment associated with a below-grade tank, then COPC shall remove the equipment, unless the equipment is required for some other purpose.

   All on-site equipment associated with the below-grade tank was removed.

5. COPC will test the soils beneath the below-grade tank to determine whether a release has occurred. COPC shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyzed for the constituents listed in Table I of 19.15.17.13 NMAC. COPC shall notify the division of its results on form C-141.

A five point composite sample was taken of the below-grade tank using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached). Form C-141 is attached.

Components	Tests Method	Limit (mg/kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	100
Chlorides	EPA 300.0	250

6. If COPC or the division determines that a release has occurred, then COPC shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

   A release was determined for the above referenced well.

7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Table I of 19.15.17.13 NMAC, then COPC shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.

   The below-grade tank area passed all requirements of Paragraph (4) of Subsection E of 19.15.17.13 NMAC and was backfilled with compacted, non-waste containing, earthen material.

8. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week 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 was not found.

9. The surface owner shall be notified of COPC's closing of the below-grade tank 72 hours, but not more than one week, prior to closure as per the approved closure plan via certified mail, return receipt requested.

   The closure process notification to the landowner was not found.

10. 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 place 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 below-grade tank area was re-contoured to match fit, shape, line, form and texture of the surrounding area. Re-shaping including 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 recontour has a uniform appearance with smooth surface, fitting the natural landscape.

11. COPC shall seed the disturbed areas the first favorable growing season following closure of a below-grade tank. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will be used on federally regulated lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. A uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent (50%) of pre- disturbance levels and a total percent plant cover of at least seventy percent (70%) of pre-disturbance levels, excluding noxious weeds. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. COPC will repeat seeding or planting will be continued until successful vegetative growth occurs.

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

12. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material, with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.

    The below-grade tank area was backfilled and more than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.

13. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on C-144 and incorporate the following:
    - Soil Backfilling and Cover Installation **(See Report)**
    - Re-vegetation application rates and seeding techniques **(See Report)**
    - Photo documentation of the site reclamation **(Included as an attachment)**
    - Confirmation Sampling Results **(Included as an attachment)**
    - Proof of closure notice **(Missing)**

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
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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 August 8, 2011

Submit 1 Copy to appropriate District Office to accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company ConocoPhillips Company	Contact Crystal Walker
Address 3401 East 30th St, Farmington, NM	Telephone No.(505) 326-9837
Facility Name: Yeager Com 1	Facility Type: Gas Well

Surface Owner FEDERAL	Mineral Owner FEDERAL	API No. 30-045-24015

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	6	30N	11W	990	North	1650	West	San Juan

Latitude 36.845311 **Longitude** -108.035070

NATURE OF RELEASE

Type of Release **Produced Water**	Volume of Release **Unknown**	Volume Recovered
Source of Release **Below Grade Tank**	Date and Hour of Occurrence **Unknown**	Date and Hour of Discovery **6/29/2009**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Below-grade tank closure activities with samples taken resulting in constituents exceeded standards outlined by 19.15.17.13 NMAC.

Describe Area Affected and Cleanup Action Taken.*
NMOCD action levels for releases are specified in NMOCD's Guidelines for Leaks, Spills and Releases and the release was assigned a ranking score of 20. Samples were collected and analytical results were above applicable NMOCD action levels. An excavation of 44' X 30' X 20' was completed with confirmation sampling showing results before NMOCD action levels. No further work will be performed. The final report is attached for review .

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.

Signature: Crystal Walker	OIL CONSERVATION DIVISION	
Printed Name: Crystal Walker	Approved by Environmental Specialist:	
Title: Regulatory Coordinator	Approval Date:	Expiration Date:
E-mail Address: crystal.walker@cop.com	Conditions of Approval:	Attached ☐
Date: 1/6/2017 Phone: (505) 326-9837		

* Attach Additional Sheets If Necessary

envirotech

August 26, 2009 Project No. 96052-1581

Ms. Gwen Frost
ConocoPhillips
3401 East 30th Street
Farmington, New Mexico 87401

Phone (505) 326-9549
Fax (505) 599-4005

RE: BGT CLOSURE DOCUMENTATION
YEAGER COM #1 WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Frost,

Enclosed please find the field notes and analytical results for below grade tank (BGT) closure activities performed at the Yeager COM #1 well site located in Section 06, Township 30N, Range 11W, San Juan County, New Mexico. Prior to Envirotech's arrival, the area of release had been excavated by Kelley Oilfield Services to approximately 17' x 17' x 14' deep; see enclosed ***Field Notes.***

Five (5) samples were collected from the excavation. One (1) sample was collected from each of the four (4) walls and one (1) sample was collected from the bottom of the excavated area. The sample collected from the west wall was analyzed in the field for organic vapors only using a Photo Ionization Detector (PID). All other samples were analyzed in the field for TPH via USEPA Method 418.1 and for organic vapors using a PID. The sample from the bottom of the excavation was also analyzed in the field for total chlorides. The sample collected from the west wall returned results of 707 ppm organic vapors. The samples collected from the north and the east walls were below the regulatory limits of 100 ppm TPH. Organic vapor readings ranged from 13.7 to 15.3 ppm. The sample collected from the south wall returned results of 55 ppm organic vapors. Additionally, the sample returned results above 100 ppm TPH. The sample collected from the bottom of the excavation returned results below 250 ppm chlorides; however the sample was above the regulatory limit of 100 ppm TPH; see enclosed ***Table 1, Summary of Analytical Results***. The sample from the bottom of the excavation was collected into a four (4)-ounce glass jar capped headspace free and transported on ice via chain of custody to Envirotech's Laboratory for analysis for benzene and BTEX using USEPA Method 8021 and for total chlorides using USEPA Method 4500. The sample returned results below the regulatory limits of 10 ppm benzene, 50 ppm BTEX and 250 total chlorides. Because the samples collected from the west wall and from the bottom of the excavation were above 100 ppm TPH, a release was confirmed.

A brief site assessment was conducted and a wash was observed approximately 145 feet from the Yeager COM #1 well site. Therefore, the cleanup standard for the site was determined to be 100 ppm total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

The excavation was extended to approximately 44' x 30' x 20' deep where sandstone was encountered on the bottom and visual contamination was noted below 14 feet BGS on the north wall. One (1) sample was collected from the north wall and one (1) sample was collected from the south wall. The two (2) samples were analyzed in the field for TPH via USEPA Method 418.1 and for organic vapors

using a PID. The sample from the south wall returned results below the regulatory limits of 100 ppm TPH and 100 ppm organic vapors; however, the sample from the north wall returned results above 100 ppm TPH and 100 ppm organic vapors. The sample from the north wall was collected in a four (4)-ounce glass jar, capped headspace free and transported on ice via chain of custody to Envirotech's Laboratory for analysis for TPH using USEPA Method 8015 and for benzene and BTEX using USEPA Method 8021. The sample returned results below the regulatory limits of 100 ppm TPH, 10 ppm benzene and 50 ppm BTEX.

Envirotech, Inc. returned on June 30, 2009, to complete cleanup activities at the Yeager COM #1 well site. Prior to Envirotech's arrival, the area of release had been excavated to final extents of 47' x 31' x 20' deep. Two (2) samples were collected, one (1) from the west wall and one (1) from the bottom of the excavation at 20 feet BGS where maximum reasonable extent was reached due to sandstone encountered on the bottom. The samples were analyzed in the field for TPH via USEPA Method 418.1 and for organic vapors using a PID. The sample from the west wall returned results below the regulatory standards of 100 ppm TPH and the 100 ppm organic vapors. The sample from the bottom of the excavation returned results above 100 ppm TPH and 100 ppm organic vapors. The sample from the bottom of the excavation was collected into a four (4)-ounce glass jar, capped headspace free and transported on ice via chain of custody to Envirotech's Laboratory for analysis for TPH using USEPA Method 8015 and for benzene and BTEX using USEPA Method 8021. The sample returned results below 10 ppm benzene and 50 ppm BTEX but above 100 ppm TPH; however, further excavation was not possible due to maximum reasonable extent being reached; see enclosed ***Table 1, Summary of Analytical Results***.

Approximately 1,080 cubic yards of contaminated soil were transported by Kelley Oilfield Services to IEI's NMOCD permitted soil remediation facility located near Crouch Mesa, New Mexico. Envirotech, Inc. recommends no further action in regards to this incident.

We appreciate the opportunity to be of service. Should you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.

Toni McKnight

Toni McKnight, EIT
Staff Geologist
tmcknight@envirotech-inc.com

Enclosure(s): Field Notes
Summary of Analytical Results
Analytical Results

Cc: Client File No. 96052

PAGE NO: 1 OF 1

DATE STARTED: 6-29-08

DATE FINISHED:

ENVIROTECH INC

ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64 - 3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

ENVIRONMENTAL SPECIALIST:

LAT: N 36°50.7465'

LONG: W 108°2.1026'

FIELD REPORT: BGT / PIT CLOSURE VERIFICATION

LOCATION: NAME: Yeager Com WELL #: 1 TEMP PIT: PERMANENT PIT: BGT: ✓

LEGAL ADD: UNIT: NE/NW SEC: 6 TWP: 30N RNG: 11W PM: NM

QTR/FOOTAGE: 990' FNL & 1650' FWL CNTY: San Juan ST: NM

EXCAVATION APPROX: 17' FT. X 17 FT. X 14 FT. DEEP CUBIC YARDAGE:

DISPOSAL FACILITY: REMEDIATION METHOD:

LAND OWNER: API: 30-045-24615 BGT / PIT VOLUME: 5' x 12' dia

CONSTRUCTION MATERIAL: steel DOUBLE-WALLED, WITH LEAK DETECTION: No

LOCATION APPROXIMATELY: 100 FT. 150° FROM WELLHEAD

DEPTH TO GROUNDWATER: >100'

___ TEMPORARY PIT - GROUNDWATER 50-100 FEET DEEP
BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, GRO & DRO FRACTION (8015) ≤ 500 mg/kg, TPH (418.1) ≤ 2500 mg/kg, CHLORIDES ≤ 500 mg/kg

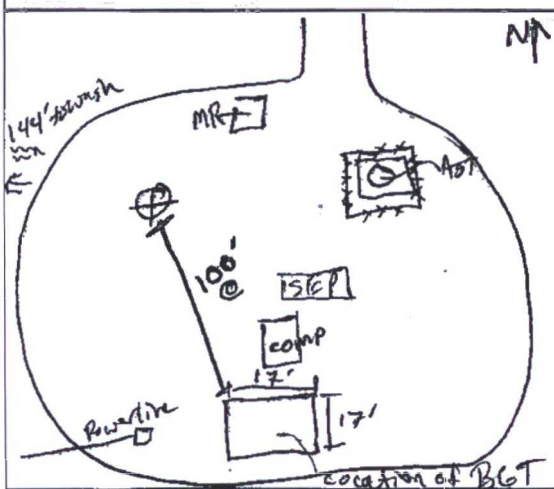
___ TEMPORARY PIT - GROUNDWATER ≥100 FEET DEEP
BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, GRO & DRO FRACTION (8015) ≤ 500 mg/kg, TPH (418.1) ≤ 2500 mg/kg, CHLORIDES ≤ 1000 mg/kg

X PERMANENT PIT OR BGT
BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, TPH (418.1) ≤ 100 mg/kg, CHLORIDES ≤ 250 mg/kg

FIELD 418.1 ANALYSIS

TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (mg/kg)
10:23 S+D200	200 STD	—	—	—	—	218	218
10:33	Bottom@14'	1	5	20	4	377	1508
10:47	S wall	2	5	20	4	89	376
10:56	E Wall	3	5	20	4	10	40
10:52	N wall	4	5	20	4	23	92
		5					
		6					

PERIMETER



FIELD CHLORIDES RESULTS

SAMPLE ID	READING	CALC. (mg/kg)
Bottom@14	<1	<25

PID RESULTS

SAMPLE ID	RESULTS (ppm)
S+D 100	103
Bottom@14'	2447
W wall	707
S wall	55
E Wall	15.3
N wall	13.7

PROFILE

Very Sandy Material

LAB SAMPLES

SAMPLE ID	ANALYSIS	RESULTS
	BENZENE	
	BTEX	
	GRO & DRO	
	CHLORIDES	

NOTES: wash = 144' W
7100' GW
7100' well

ARRIved at location = Depth of Excavation = 14' Width 17 x 17
BGT Is labeled as containing Produced water contaminated soil - colored Dark Grey & has Strong ODOR

WORKORDER # WHO ORDERED

Client: ConoCo Phillips

envirotech
(505) 632-0615 (800) 362-1879
5796 U.S. Hwy 64, Farmington, NM 87401

Location No:

C.O.C. No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1

DATE STARTED: 6-29-09

DATE FINISHED: 6-30-09

ENVIRONMENTAL SPECIALIST: TZM

LOCATION: NAME: Yeager Com WELL #: 1

QUAD/UNIT: NE/NW SEC: G TWP: 30N RNG: 11W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 990' FNL & 1650' FWL CONTRACTOR: Kelley oilfield

EXCAVATION APPROX: 44 FT. X 30 FT. X 20 FT. DEEP CUBIC YARDAGE:

DISPOSAL FACILITY: IFT REMEDIATION METHOD: Land Farm

LAND USE: LEASE: LAND OWNER:

CAUSE OF RELEASE: Leaking BGT MATERIAL RELEASED: Condensate

SPILL LOCATED APPROXIMATELY: 100 FT. 150° FROM Wellhead

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: ≈ 144'

NMOCD RANKING SCORE: 20 NMOCD TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION:

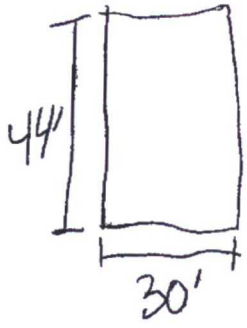
Contaminated Soil has strong odor & dark grey in color.
BGT is being Removed - Discovered when BGT was being Removed.
additional staining Noted on N Wall 7/14' BGS

9605216581

SAMPLE DESCRIPITION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
South wall	12:27	—	—	5	20	4	9	36
N Wall 2	14:44	1		5	20	4	27	108

SPILL PERIMETER

NA



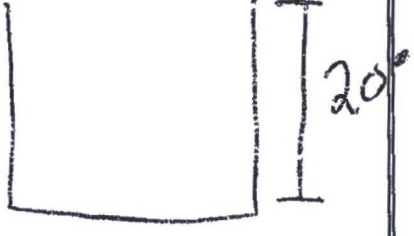
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
S wall	23.2
N Wall 2	246

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

SPILL PROFILE



TRAVEL NOTES: CALLED OUT: ONSITE:

Client: ConocoPhillips

envirotech
(505) 632-0615 (800) 362-1879
5796 U.S. Hwy 64, Farmington, NM 87401

Location No:

C.O.C. No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1

DATE STARTED: 6-30-09

DATE FINISHED: 6-30-09

ENVIRONMENTAL SPECIALIST: TZM

LOCATION: NAME: Yeager COM WELL #: 1

QUAD/UNIT: NE/NW SEC: 6 TWP: 30N RNG: 11W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 990' FNL & 1650' FWL CONTRACTOR: Kelley Oilfield

EXCAVATION APPROX: 47 FT. X 31 FT. X 20 FT. DEEP CUBIC YARDAGE:

DISPOSAL FACILITY: IEI REMEDIATION METHOD: Landfarm

LAND USE: Grazing LEASE: LAND OWNER:

CAUSE OF RELEASE: BGT ?? MATERIAL RELEASED: Condensate

SPILL LOCATED APPROXIMATELY: 100 FT. 150' FROM Wellhead

DEPTH TO GROUNDWATER: 7100' NEAREST WATER SOURCE: 7100 NEAREST SURFACE WATER: ≥1444'

NMOCD RANKING SCORE: 20 NMOCD TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION:

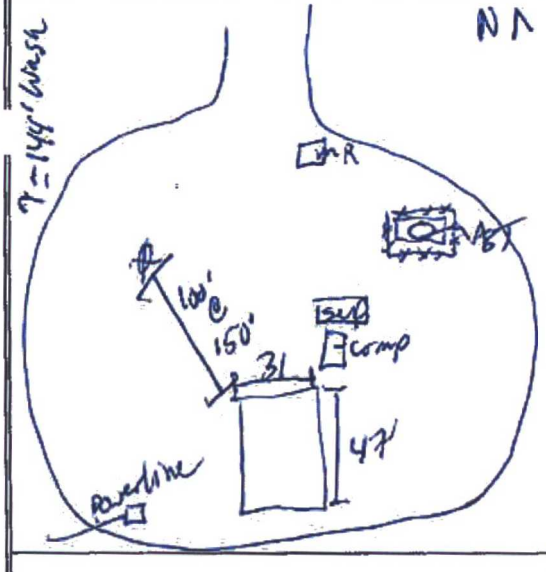
Dug out West Wall, collected samples From Bottom @ 20'

N, S, E Walls Passed on 6-29-09.

Weather, Sunny, Calm, vegetation green, contaminated soil, Black to dark grey.

SAMPLE DESCRIPITION	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
S+D 7-00	10:03	—	—	—	—	—	215	215
West Wall Final	10:05	—	—	5	20	4	10	40
Bottom @ 20' Sandstone	10:29	1	—	5	20	4	314	1256

SPILL PERIMETER



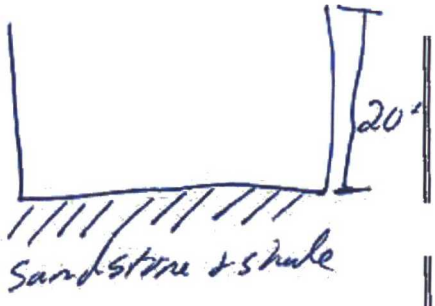
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
S+D 100	105
W wall F	2.5
Bottom @ 20	2209

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

SPILL PROFILE



TRAVEL NOTES: CALLED OUT: ONSITE:

Table 1, Summary of Analytical Results
ConocoPhillips
Yeager COM #1 Well Site
Section 06. Township, 30N, Range 11W
San Juan County, New Mexico
Project No. 96052-1581

Sample Description	Sample Number	Date	USEPA Method 418.1 TPH (ppm)	OVM (ppm)	Field Chlorides (ppm)	USEPA Method 4500 Chlorides (ppm)	USEPA Method 8015 TPH (ppm)	USEPA Method 8021 BTEX (ppm)	USEPA Method 8021 Benzene (ppm)
NMOCD Standards	NA	NA	100	100	250	250	100	50	10
Bottom @ 14'	1	6/29/2009	1510	2447	ND	30	NS	0.683	0.004
West Wall	N/A	6/29/2009	NS	707	NS	NS	NS	NS	NS
South Wall	2	6/29/2009	276	55	NS	NS	NS	NS	NS
East Wall Final	3	6/29/2009	40	15.3	NS	NS	NS	NS	NS
North Wall	4	6/29/2009	92	13.7	NS	NS	NS	NS	NS
South Wall Final	5	6/29/2009	36	23.2	NS	NS	NS	NS	NS
North Wall Final	6	6/29/2009	108	246	NS	NS	ND	0.0492	ND
West Wall	7	6/29/2009	NS	707	NS	NS	NS	NS	NS
West Wall Final	1	6/30/2009	40	2.5	NS	NS	NS	NS	NS
Bottom @ 20' Sandstone	2	6/30/2009	1260	2209	NS	NS	272	6.88	0.0078

* Values in BOLD above regulatory standards
ND = Non Detect
NS = Not Sampled

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1581
Sample No.:	1	Date Reported:	7/13/2009
Sample ID:	Bottom @ 14'	Date Sampled:	6/29/2009
Sample Matrix:	Soil	Date Analyzed:	6/29/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**1,510**	**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: **Yeager COM #1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Toni McKnight
Analyst

Toni McKnight
Printed

Greg Crabtree
Review

Greg Crabtree
Printed

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 info@envirotech-inc.com envirotech-inc.com

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1581
Sample No.:	2	Date Reported:	7/13/2009
Sample ID:	South Wall	Date Sampled:	6/29/2009
Sample Matrix:	Soil	Date Analyzed:	6/29/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**276**	**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: **Yeager COM #1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Toni McKnight
Analyst

Toni McKnight
Printed

Greg Crabtree
Review

Greg Crabtree
Printed

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1581
Sample No.:	3	Date Reported:	7/13/2009
Sample ID:	East Wall	Date Sampled:	6/29/2009
Sample Matrix:	Soil	Date Analyzed:	6/29/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**40**	**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: **Yeager COM #1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Toni McKnight
Analyst

Toni McKnight
Printed

Greg Crabtree
Review

Greg Crabtree
Printed

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1581
Sample No.:	4	Date Reported:	7/13/2009
Sample ID:	North Wall	Date Sampled:	6/29/2009
Sample Matrix:	Soil	Date Analyzed:	6/29/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**92**	**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: **Yeager COM #1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Toni McKnight
Analyst

Toni McKnight
Printed

Greg Crabtree
Review

Greg Crabtree
Printed

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1581
Sample No.:	5	Date Reported:	7/13/2009
Sample ID:	South Wall Final	Date Sampled:	6/29/2009
Sample Matrix:	Soil	Date Analyzed:	6/29/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**36**	**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: **Yeager COM #1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Toni McKnight
Analyst

Toni McKnight
Printed

Greg Crabtree
Review

Greg Crabtree
Printed

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1581
Sample No.:	6	Date Reported:	7/13/2009
Sample ID:	North Wall Final	Date Sampled:	6/29/2009
Sample Matrix:	Soil	Date Analyzed:	6/29/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**108**	**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: **Yeager COM #1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Toni McKnight
Analyst

Toni McKnight
Printed

Greg Crabtree
Review

Greg Crabtree
Printed

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 29-Jun-09

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	218
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Toni McKnight
Analyst

7-13-09
Date

Toni McKnight
Print Name

Greg Crabtree
Review

7/13/09
Date

Greg Crabtree
Print Name

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envirotech

Field Chloride

Client:	ConocoPhillips	Project #:	96052-1581
Sample No.:	1	Date Reported:	7/13/2009
Sample ID:	Bottom @ 14'	Date Sampled:	6/29/2009
Sample Matrix:	Soil	Date Analyzed:	6/29/2009
Preservative:	Cool	Analysis Needed:	Chloride
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Field Chloride	**ND**	**27.0**

ND = Parameter not detected at the stated detection limit.

References: "Standard Methods for the Examination of Water and Wastewater", 18th ed., 1992
Hach Company Quantab Titrators for Chloride

Comments: **Yeager COM #1**

Toni McKnight
Analyst

Toni McKnight
Printed

Greg Crabtree
Review

Greg Crabtree
Printed

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envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-1581
Sample ID:	North Wall Final	Date Reported:	07-02-09
Laboratory Number:	50738	Date Sampled:	06-29-09
Chain of Custody No:	7376	Date Received:	06-29-09
Sample Matrix:	Soil	Date Extracted:	06-30-09
Preservative:	Cool	Date Analyzed:	07-01-09
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: **Confirmation Sampling/Yaeger Com #1.**

Analyst

Review

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EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-01-09 QA/QC	Date Reported:	07-02-09
Laboratory Number:	50726	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-01-09
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.8650E+002	9.8689E+002	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	1.0816E+003	1.0820E+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	**10.8**	**10.7**	**0.9%**	**0 - 30%**
Diesel Range C10 - C28	**500**	**497**	**0.6%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**10.8**	**250**	**264**	**101%**	**75 - 125%**
Diesel Range C10 - C28	**500**	**250**	**744**	**99.2%**	**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 50726, 50738, 50739, and 50745.**

Analyst

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-1581
Sample ID:	Bottom @ 14'	Date Reported:	07-02-09
Laboratory Number:	50737	Date Sampled:	06-29-09
Chain of Custody:	7376	Date Received:	06-29-09
Sample Matrix:	Soil	Date Analyzed:	07-01-09
Preservative:	Cool	Date Extracted:	06-30-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**4.0**	**0.9**
Toluene	**41.0**	**1.0**
Ethylbenzene	**76.6**	**1.0**
p,m-Xylene	**460**	**1.2**
o-Xylene	**101**	**0.9**
Total BTEX	**683**	

ND - Parameter not detected at the stated detection limit.

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

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: **Confirmation Sampling / Yaeger Com #1.**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-1581
Sample ID:	North Wall Final	Date Reported:	07-02-09
Laboratory Number:	50738	Date Sampled:	06-29-09
Chain of Custody:	7376	Date Received:	06-29-09
Sample Matrix:	Soil	Date Analyzed:	07-01-09
Preservative:	Cool	Date Extracted:	06-30-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**0.9**
Toluene	**2.4**	**1.0**
Ethylbenzene	**6.2**	**1.0**
p,m-Xylene	**26.4**	**1.2**
o-Xylene	**14.2**	**0.9**
Total BTEX	**49.2**	

ND - Parameter not detected at the stated detection limit.

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

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: **Confirmation Sampling / Yaeger Com #1.**

Analyst

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-01-BT QA/QC	Date Reported:	07-02-09
Laboratory Number:	50726	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-01-09
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	5.6499E+006	5.6612E+006	0.2%	ND	0.1
Toluene	5.1923E+006	5.2027E+006	0.2%	ND	0.1
Ethylbenzene	4.5287E+006	4.5377E+006	0.2%	ND	0.1
p,m-Xylene	1.1645E+007	1.1668E+007	0.2%	ND	0.1
o-Xylene	4.2930E+006	4.3016E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	8.2	8.1	1.2%	0 - 30%	0.9
Toluene	35.7	34.5	3.4%	0 - 30%	1.0
Ethylbenzene	73.3	76.4	4.2%	0 - 30%	1.0
p,m-Xylene	181	187	3.1%	0 - 30%	1.2
o-Xylene	103	106	3.7%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	8.2	50.0	57.7	99.1%	39 - 150
Toluene	35.7	50.0	82.6	96.4%	46 - 148
Ethylbenzene	73.3	50.0	121	98.3%	32 - 160
p,m-Xylene	181	100	279	99.4%	46 - 148
o-Xylene	103	50.0	150	98.1%	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 50726 and 50737 - 50739.**

Analyst

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Chloride

Client:	ConocoPhillips	Project #:	96052-1581
Sample ID:	Bottom @ 14'	Date Reported:	07-06-09
Lab ID#:	50737	Date Sampled:	06-29-09
Sample Matrix:	Soil	Date Received:	06-29-09
Preservative:	Cool	Date Analyzed:	07-02-09
Condition:	Intact	Chain of Custody:	7376

Parameter	Concentration (mg/Kg)
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: **Confirmation Sampling / Yeager Com #1.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7376

Client: ConocoPhillips	Project Name / Location: Confirmation Sampling / Yaeger Com #1
Client Address:	Sampler Name: Tom McKnight
Client Phone No.:	Client No.: 96052158?

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl	Preservative Cool	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
Bottom @ 14'	6/29/09	10:33	50737	Soil Solid Sludge Aqueous	1/4oz			✓	✓	✓								✓				✓	✓
North Wall Final	6/29/09	11:49	50738	Soil Solid Sludge Aqueous	1/4oz			✓	✓	✓												✓	✓
				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	Time	Received by: (Signature)	Date	Time
Tom McKnight	6/29/09	17:00		6/29/09	17:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1581
Sample No.:	1	Date Reported:	7/13/2009
Sample ID:	West Wall Final	Date Sampled:	6/30/2009
Sample Matrix:	Soil	Date Analyzed:	6/30/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**40**	**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: **Yeager COM #1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Toni McKnight
Analyst

Toni McKnight
Printed

Greg Crabtree
Review

Greg Crabtree
Printed

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EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1581
Sample No.:	2	Date Reported:	7/13/2009
Sample ID:	Bottom @ 20' Sandstone	Date Sampled:	6/30/2009
Sample Matrix:	Soil	Date Analyzed:	6/30/2009
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**1,260**	**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: **Yeager COM #1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Toni McKnight
Analyst

Toni McKnight
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Greg Crabtree
Review

Greg Crabtree
Printed

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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 30-Jun-09

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	215
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Toni McKnight
Analyst

7-13-09
Date

Toni McKnight
Print Name

Greg Crabtree
Review

7/13/09
Date

Greg Crabtree
Print Name

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-1581
Sample ID:	Bottom @ 20'-Shale/Sandstone	Date Reported:	07-02-09
Laboratory Number:	50739	Date Sampled:	06-30-09
Chain of Custody No:	7377	Date Received:	06-30-09
Sample Matrix:	Soil	Date Extracted:	06-30-09
Preservative:	Cool	Date Analyzed:	07-01-09
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**122**	**0.2**
Diesel Range (C10 - C28)	**150**	**0.1**
Total Petroleum Hydrocarbons	**272**	**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: **Confirmation/Spill Cleanup/Yaeger Com #1.**

Analyst

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EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-01-09 QA/QC	Date Reported:	07-02-09
Laboratory Number:	50726	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-01-09
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.8650E+002	9.8689E+002	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	1.0816E+003	1.0820E+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	**10.8**	**10.7**	**0.9%**	**0 - 30%**
Diesel Range C10 - C28	**500**	**497**	**0.6%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**10.8**	**250**	**264**	**101%**	**75 - 125%**
Diesel Range C10 - C28	**500**	**250**	**744**	**99.2%**	**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 50726, 50738, 50739, and 50745.**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-1581
Sample ID:	Bottom @ 20'-Shale/Sandstone	Date Reported:	07-02-09
Laboratory Number:	50739	Date Sampled:	06-30-09
Chain of Custody:	7377	Date Received:	06-30-09
Sample Matrix:	Soil	Date Analyzed:	07-01-09
Preservative:	Cool	Date Extracted:	06-30-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**7.8**	**0.9**
Toluene	**247**	**1.0**
Ethylbenzene	**376**	**1.0**
p,m-Xylene	**4,730**	**1.2**
o-Xylene	**1,520**	**0.9**
Total BTEX	**6,880**	

ND - Parameter not detected at the stated detection limit.

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

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: **Confirmation/Spill Cleanup/ Yaeger Com #1.**

Analyst

Review

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EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-01-BT QA/QC	Date Reported:	07-02-09
Laboratory Number:	50726	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-01-09
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	5.6499E+006	5.6612E+006	0.2%	ND	0.1
Toluene	5.1923E+006	5.2027E+006	0.2%	ND	0.1
Ethylbenzene	4.5287E+006	4.5377E+006	0.2%	ND	0.1
p,m-Xylene	1.1645E+007	1.1668E+007	0.2%	ND	0.1
o-Xylene	4.2930E+006	4.3016E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	8.2	8.1	1.2%	0 - 30%	0.9
Toluene	35.7	34.5	3.4%	0 - 30%	1.0
Ethylbenzene	73.3	76.4	4.2%	0 - 30%	1.0
p,m-Xylene	181	187	3.1%	0 - 30%	1.2
o-Xylene	103	106	3.7%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	8.2	50.0	57.7	99.1%	39 - 150
Toluene	35.7	50.0	82.6	96.4%	46 - 148
Ethylbenzene	73.3	50.0	121	98.3%	32 - 160
p,m-Xylene	181	100	279	99.4%	46 - 148
o-Xylene	103	50.0	150	98.1%	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 50726 and 50737 - 50739.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

7377

Client: ConocoPhillips	Project Name / Location: ~~Bottom@20'~~ Confirmation spill cleanup / Yeager COM #1
Client Address:	Sampler Name: Toni McKnight
Client Phone No.:	Client No.: 96052-1581

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl	Preservative Cool	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
Bottom@20' shale/sandstone	6/30/09	10:29	50739	(Soil) Sludge Solid Aqueous	1/4oz			✓	✓	✓												✓	✓
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
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				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Toni McKnight	6/30/09	11:25	Kendall Augustine	6/30/09	11:25
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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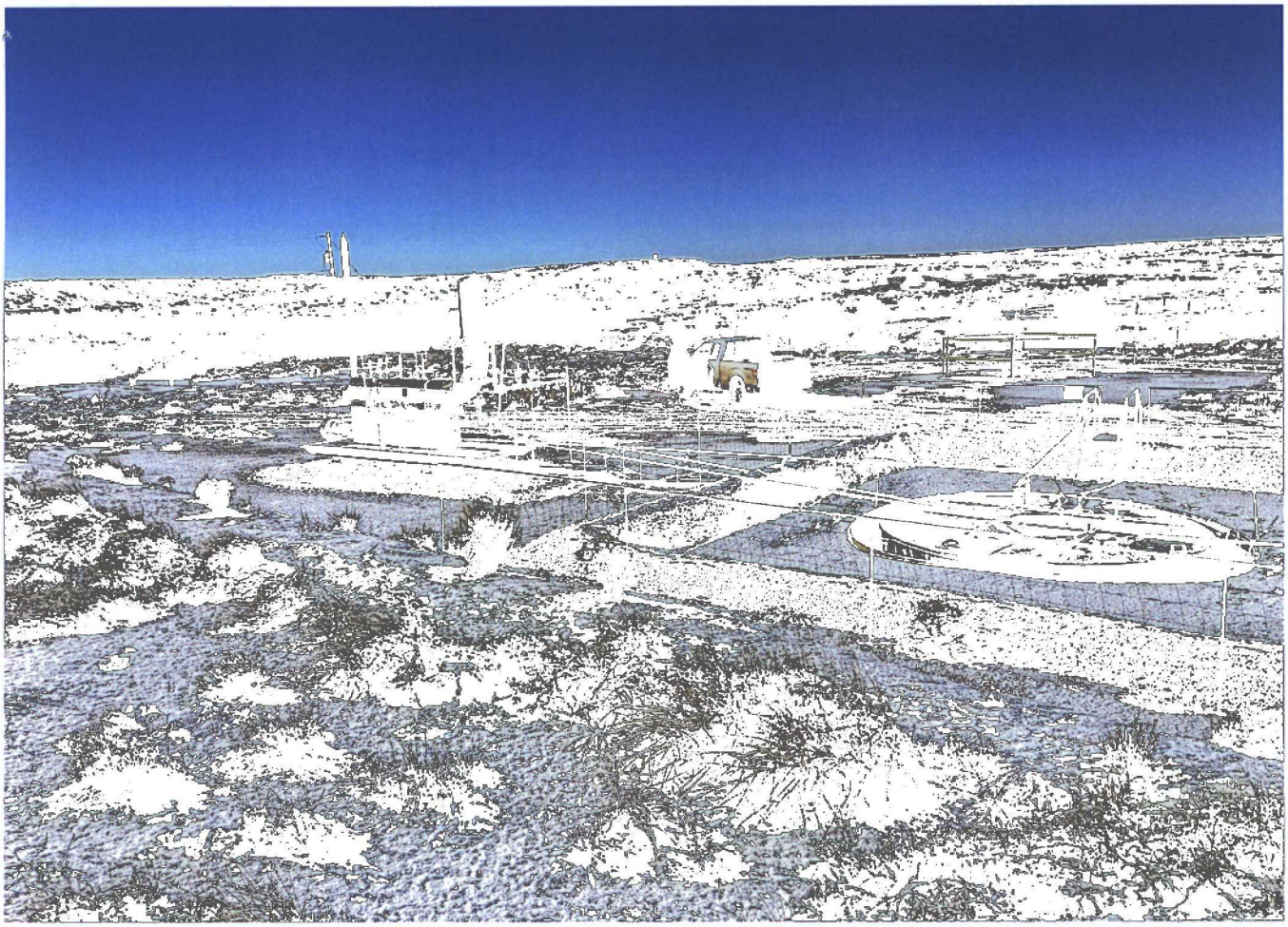

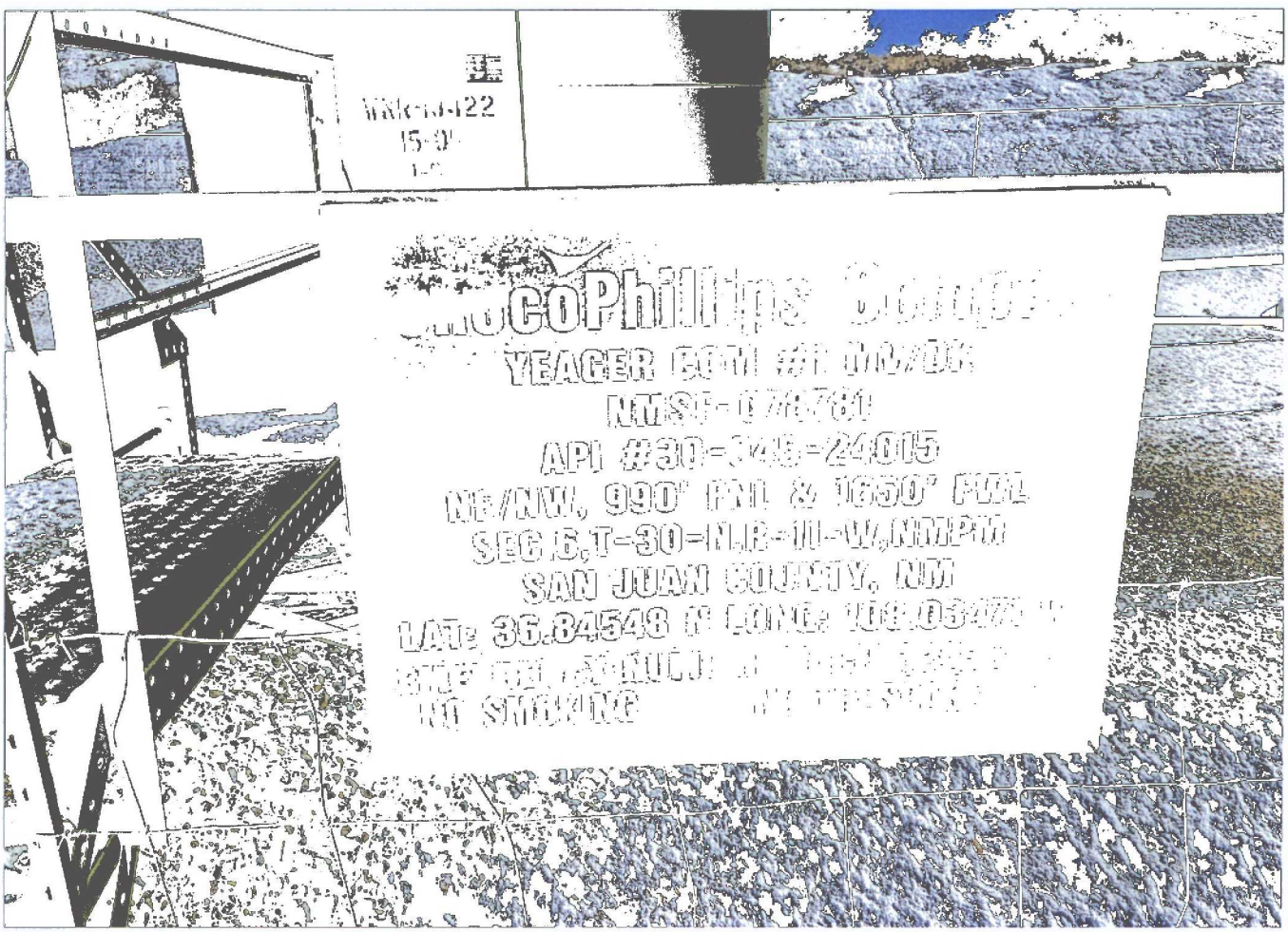
ConocoPhillips
YEAGER COM #1
NMSF-078761
API #30-045-24015
NE/NW, 990' FNL & 1650' FWL
SEC 6,T-30-N,R-11-W,NMPM
SAN JUAN COUNTY, NM
LAT: 36.84548 N LONG: 108.03477 W
NO SMOKING