

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

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

Form C-144
July 21, 2008

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

16093

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: Chevron Midcontinent, LP OGRID #: 241333
Address: Post Office Box 36366, Houston, TX 77236
Facility or well name: Rincon Unit No. 150
API Number: 30-039-06739 OCD Permit Number: _____
U/L or Qtr/Qtr Qtr/Qtr A Section 6 Township 26N Range 6 W County: Rio Arriba
Center of Proposed Design: Latitude 36.519623^a Longitude -107.503119^a 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 _____ mil LLDPE HDPE PVC Other _____
 String-Reinforced
Liner Seams: Welded Factory Other _____ Volume: _____ bbl Dimensions: L _____ x W _____ x D _____

OIL CONS. DIV DIST. 3
OCT 13 2017

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

4.
 Below-grade tank: Subsection I of 19.15.17.11 NMAC
Volume: 60 bbl Type of fluid: Water
Tank Construction material: Steel
 Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
 Visible sidewalls and liner Visible sidewalls only Other Buried
Liner type: Thickness _____ mil HDPE PVC Other None

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

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6. **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

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

- Screen Netting Other _____
- Monthly inspections (If netting or screening is not physically feasible)

8. **Signs:** Subsection C of 19.15.17.11 NMAC

- 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
- Signed in compliance with 19.15.3.103 NMAC

9. **Administrative Approvals and Exceptions:**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
 Climatological Factors Assessment
 Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
 Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
 Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
 Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
 Quality Control/Quality Assurance Construction and Installation Plan
 Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
 Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
 Nuisance or Hazardous Odors, including H₂S, Prevention Plan
 Emergency Response Plan
 Oil Field Waste Stream Characterization
 Monitoring and Inspection Plan
 Erosion Control Plan
 Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

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

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

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

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

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

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

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

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?
 Yes (If yes, please provide the information below) No

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

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

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

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

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

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

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

19.

Operator Application Certification:

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

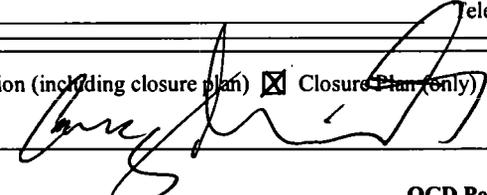
Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ telephone: _____

20.

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

OCD Representative Signature:  Approval Date: 2/6/16

Title: Environmental Spec OCD Permit Number: _____

21.

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

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

Closure Completion Date: _____

22.

Closure Method:

Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only)

If different from approved plan, please explain.

23.

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

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

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

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

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

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

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

24.

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

- Proof of Closure Notice (surface owner and division) **See Attached**
- Proof of Deed Notice (required for on-site closure) **Not Required**
- Plot Plan (for on-site closures and temporary pits) **Not Required**
- Confirmation Sampling Analytical Results (if applicable) **See Attached**
- Waste Material Sampling Analytical Results (required for on-site closure) **Not Required**
- Disposal Facility Name and Permit Number **Envirotech's Landfarm #2, Permit #: NM-01-001**
- Soil Backfilling and Cover Installation **See Attached**
- Re-vegetation Application Rates and Seeding Technique **Pursuant to the BLM MOU and Approved Closure Plan**
- Site Reclamation (Photo Documentation) **See Attached**

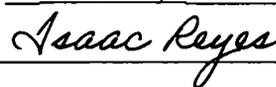
On-site Closure Location: Latitude _____ Longitude _____ NAD: 1927 1983

25.

Operator Closure Certification:

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

Name (Print): Mr. Isaac Reyes Title: Facilities Engineer

Signature:  Date: 9/18/2017

e-mail address: isaacreyes@chevron.com Telephone: (505)333-1929



OIL CONS. DIV DIST. 3
OCT 13 2017

October 11, 2017

Project Number 92270-1654

Mr. Cory Smith / Ms. Vanessa Fields
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Phone (505) 334-6178

RE: BELOW-GRADE TANK CLOSURE DOCUMENTATION FOR THE RINCON #150 WELL SITE, RIO ARRIBA COUNTY, NEW MEXICO

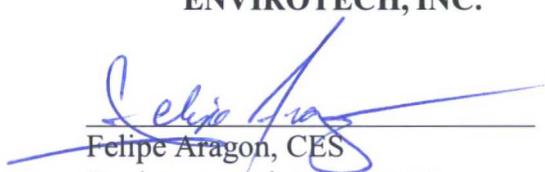
Dear Mr. Smith / Ms. Fields:

On behalf of Chevron, North America, please find enclosed the Below Grade Tank (BGT) Closure Plan, Form C-144 and required documents for BGT closure activities conducted at the Rincon #150 well site located in Section 6, Township 26 North, Range 6 West, Rio Arriba County, New Mexico.

This report details results at or below the regulatory limits for all constituents analyzed, confirming a release had not occurred; see attached *Analytical Results*. Envirotech, Inc. recommends *No Further Action* in regards to this incident.

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

Respectfully Submitted,
ENVIROTECH, INC.


Felipe Aragon, CES
Environmental Assistant Manager
faragon@envirotech-inc.com

Enclosures: *Below Grade Tank Closure Plan*
Form C-144 and Required Documents

**BELOW GRADE TANK (BGT) CLOSURE PLAN
CHEVRON NORTH AMERICA
RINCON #150 WELL SITE
RIO ARRIBA COUNTY, NEW MEXICO**

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INTRODUCTION 1

SCOPE OF CLOSURE ACTIVITIES..... 1

REPORTING 3.

INTRODUCTION

Chevron North America would like to submit a closure plan for the below grade tank (BGT) at the Rincon #150 well site located in the NE ¼ NE ¼ of Section 6, Township 26 North, Range 6 West, Rio Arriba County, New Mexico. This closure plan has been prepared in conformance with New Mexico Oil Conservation Division (NMOCD) procedures.

SCOPE OF CLOSURE ACTIVITIES

The purpose of this closure plan is to provide the details of activities involved in the closure of the BGT at the Rincon #150 well site. The following scope of closure activities has been designed to meet this objective:

- 1) Chevron North America shall submit a closure plan to the division's environmental bureau. Upon receipt of this plan the division shall review the current closure plan for adequacy and accordance with 19.15.17.9 Subsection C NMAC and 19.15.17.13 NMAC.
 - a. Closure Plan was submitted on March 1, 2010 to the division's environmental bureau, in accordance with 19.15.17.9 Subsection C NMAC and 19.15.17.13 NMAC. The closure plan was approved on September 13, 2011, by Mr. Brad Jones of the NMOCD, Santa Fe Office.
- 2) No less than 72 hours and no greater than one (1) week prior to BGT removal, Chevron North America will provide written notification to the appropriate division district office, as in accordance with 19.15.17.13 Subsection J Paragraph (2) NMAC.
 - a. Please find attached the written notification to the district office sent on April 19, 2017.
- 3) Chevron North America shall provide written notification to the surface owner no later than 24 hours prior to BGT removal. BLM will receive notification per a Sundry Notice, as in accordance with 19.15.17.13 Subsection J Paragraph (1) NMAC.
 - a. A Sundry Notice was sent via certified mail to the BLM Farmington field office on April 26, 2017.
- 4) Chevron North America, or a contractor acting on behalf of Chevron, will remove all liquids, and/or sludge, if applicable, prior to closure. Material will be disposed of at Envirotech's Landfarm, Permit # NM-01-0011, as in accordance with 19.15.17.13 Subsection E Paragraph (1) NMAC.
 - a. All waste material was removed from the BGT by Riley Industrial Services and transported to Envirotech's NMOCD permitted Landfarm #2 as listed above; see attached Bill of Lading.
- 5) Chevron North America, or a contractor acting on behalf of Chevron, will remove the BGT and all on-site equipment associated with the BGT that cannot or will not be reused on-site, as in accordance with 19.15.17.13 Subsection E Paragraphs (2) and (3) NMAC.
 - a. Chevron has removed the BGT and associated equipment that will not be reused onsite; see attached Site Photography.

- 6) Once the BGT is removed, a five (5)-point composite sample will be collected from directly below the tank or below the leak detection system if present. An additional discrete sample will be collected from any area that is wet, discolored, or showing other evidence of a release. All samples being collected will be analyzed for benzene and total BTEX using USEPA Method 8021, TPH using USEPA Method 418.1, and chlorides using USEPA Method 300.1, as in accordance with 19.15.17.13 Subsection E Paragraph (4) NMAC.

Sample ID	TPH (418.1)	Benzene	BTEX	Total Chlorides
BGT Comp	<40.0 mg/Kg	<0.1 mg/Kg	<0.1 mg/Kg	<20.0 mg/Kg

- 7) Depending on soil sample results, the area will be either backfilled or the area will be excavated.
- a. If soil samples pass the regulatory standards of 0.2 ppm benzene, 50 ppm BTEX, 100 ppm TPH, and 250 ppm or background concentration of chlorides, as in accordance with 19.15.17.13 Subsection E Paragraph (4) NMAC.
 - i. Chevron North America, or a contractor acting on behalf of Chevron, will backfill the excavation or impacted area with non-waste containing, earthen material, in accordance with 19.15.17.13 Subsection E Paragraph (6) NMAC.
 1. **BGT pit was backfilled with clean earthen material in accordance with 19.15.17.13 Subsection E Paragraph (6) NMAC.**
 - ii. Upon decommissioning of the well site Chevron North America, or a contractor acting on behalf of Chevron, will construct a divison-prescribed soil cover, substantially restore, recontour and re-vegetate the site, in accordance with 19.15.17.13 Subsections G, H, and I NMAC.
 1. **Well site is still in use – re-vegetation will occur upon the decommissioning of the well site.**
 - b. If soil samples exceed the regulatory standards stated above.
 - i. Chevron North America will submit a Release Notification by Form C-141 to the appropriate division district office, in accordance with 19.15.17.13 Subsection E Paragraph (4) NMAC.
 - ii. Activities beyond this point will be in accordance with 19.15.3.116 NMAC and 19.15.11.19 NMAC.
 1. **Samples collected returned results below the applicable regulatory standards; therefore, confirming a release had not occurred.**

REPORTING

Reporting will occur within 60 days following the BGT closure and will consist of a form C-144 with all supporting data, and a form C-141 with all supporting data, if necessary. The supporting data will include analytical results, a site diagram, and other information related to the onsite activities.

We appreciate the opportunity to be of service. If you have any questions or require further information, please do not hesitate to contact our office at (505) 632-0615.

Respectfully Submitted:
Chevron North America

Isaac Reyes

Isaac Reyes
Chevron North America
Exploration & Production Company

Felipe Aragon

From: Reyes, Isaac <isaacreyes@chevron.com>
Sent: Wednesday, April 19, 2017 2:13 PM
To: brandon.powell@state.nm.us; Smith, Cory, EMNRD
Cc: DeAguero, Farrell F; Pohl, April E
Subject: Chevron New Mexico BGT Abandonments 4/24 - 4/28
Attachments: DeAguero Farrell F.vcf

Good afternoon,

The purpose of the message is to notify the NMOCD of our planned abandonment of four below-grade tanks (BGTs) next week. We will be removing tanks from the following locations in order:

1. April 24: Rincon 306 (30-039-25404)
2. April 25: Rincon 193M (30-039-25529)
3. April 26: Rincon 183E (30-039-25433)
4. April 27: Rincon 150 (30-039-06739)

Farrell DeAguero will be the Chevron representative on site when the tanks are removed. Please coordinate with either him or myself to meet with any NMOCD representatives planning to attend (contact info below). Please don't hesitate to reach out with any further questions or concerns.

DeAguero, Farrell F

NA Upstream
Facilities Construction Rep.
OPERATIONS MCBU
+1 505-947-2434 Mobile
FDBM@chevron.com
332 Rd 3100
Aztec, New Mexico 87410-9532
FDBM@chevron.com IM

Best,

Isaac Reyes

Facilities Engineer
Chevron Midcontinent Business Unit
San Juan Field Management Team
332 CR 3100, Aztec NM 87410

Office: (505) 333-1929

Cell: (505) 386-8610



Felipe Aragon

From: Reyes, Isaac <isaacreyes@chevron.com>
Sent: Wednesday, April 26, 2017 7:19 AM
To: cwenman@blm.gov; sscott@blm.gov
Subject: Surface Owner Closure Notice: Rincon 306, 193M, 183E, and 150 BGTs

Good morning,

I was forwarded your contacts by our regulatory specialist as the Surface Owners of our wells on BLM land. The purpose of this message is to provide a courtesy notice of our planned abandonment of 4 Below-Grade Pit Tanks (BGTs) on the following oil and gas producing locations:

1. April 24: Rincon 306 (30-039-25404)
2. April 25: Rincon 193M (30-039-25529)
3. April 26: Rincon 183E (30-039-25433)
4. April 27: Rincon 150 (30-039-06739)

The abandonments will take place over the next three days. Let me know if you have any questions or concerns.

Best,

Isaac Reyes
Facilities Engineer
Chevron Midcontinent Business Unit
San Juan Field Management Team
332 CR 3100, Aztec NM 87410

Office: (505) 333-1929
Cell: (505) 386-8610



Sundry Notice: Rincon 150 BGT Abandonment

In the spring of 2017, Chevron will abandon the 45 BBL below-grade pit tank (BGT) on the Rincon 150 well pad. The purpose of this notice is to establish a scope of work for the appropriate removal and closure of the below-grade tank pursuant to NMOCD and BLM requirements.

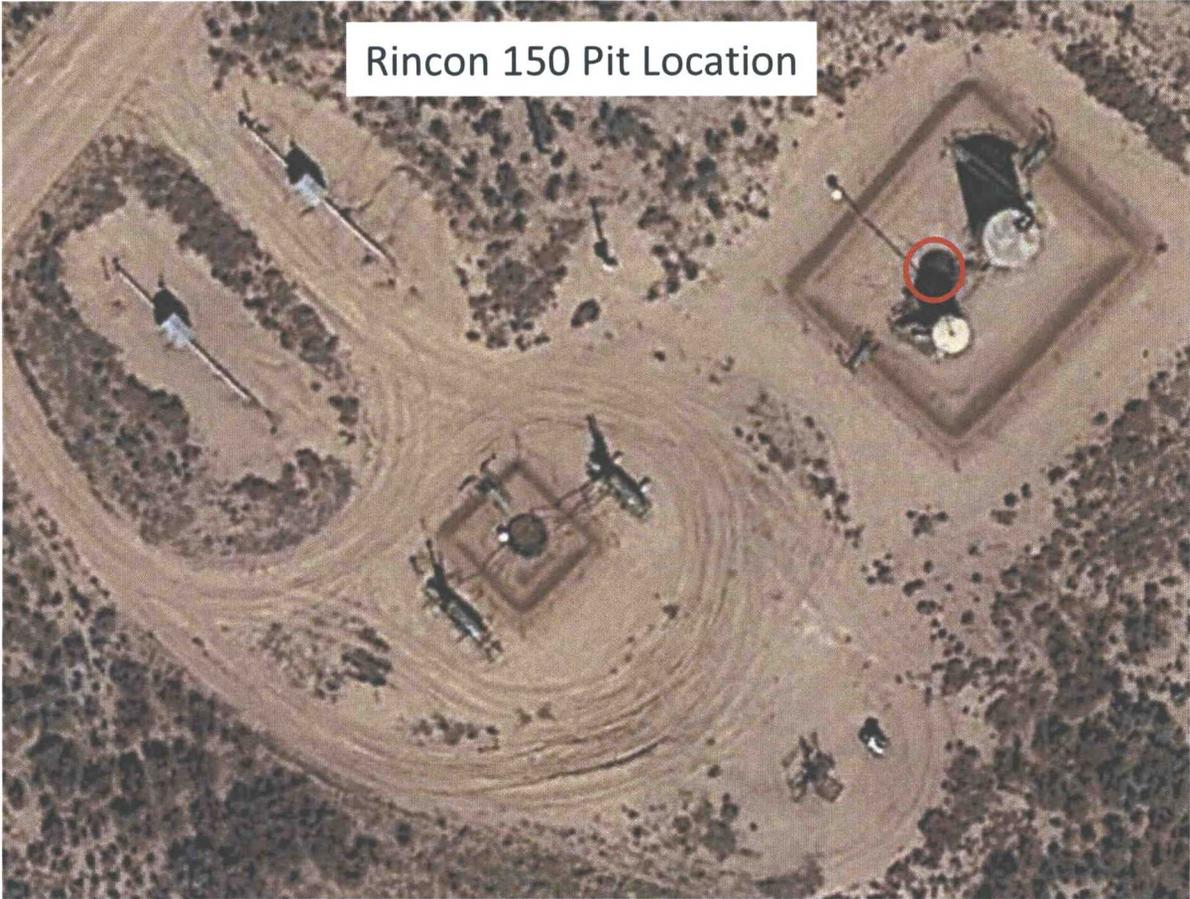
Well Information:

Rincon 150, API 30-039-06739, Qtr NE/NE, Sec 6, Twn 26N, Rng 6W

The scope of this project is:

- **Tank Removal:** Chevron will excavate a perimeter around the 45 BBL pit tank and remove it from the ground
- **Soil Sampling:** In accordance with NMOCD pit closure requirements, Chevron will take soil samples of the area beneath the tank to be analyzed for the constituents listed in Table I of 19.15.17.13 NMAC. If any contaminant concentration is higher than the parameters listed in Table I of 19.15.17.13 NMAC, a C-141 will be filed with both the NMOCD and the BLM and further remediation action will be taken as requested by the agencies.
- **Backfill pit area:** If all contaminant concentrations are less than or equal to the parameters listed in Table I of 19.15.17.13 NMAC, then Chevron will proceed to backfill the pit with non-waste containing, uncontaminated, earthen material.
- **Closure report:** Within 60 days of closure completion, Chevron will submit a closure report on form C-144, with necessary attachments to document all closure activities including sampling results; information required by 19.15.17 NMAC; and details on back-filling.

Rincon 150 Pit Location



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

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

Form C-138
Revised August 1, 2011

*Surface Waste Management Facility Operator
and Generator shall maintain and make this
documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:

Chevron, C/O Isaac Reyes, 332 County Road 3100, Aztec, NM 87410

2. Originating Site:

Rincon 150 (API 30-039-06739)

3. Location of Material (Street Address, City, State or ULSTR):

NE/NE -6 -26N -6W 36.519623 -107.503119

4. Source and Description of Waste:

- One load of produced water removed from the interior of a pit tank (classified as "Tank Bottoms") (10 BBLs)
- One load of soil removed from area surrounding pit tank on a gas producing location (10 yds)

Estimated Volume: 10 yd³ / bbls Known Volume (to be entered by the operator at the end of the haul) _____ yd³ / bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Isaac Reyes *IR*, representative or authorized agent for Chevron

do hereby

PRINT & SIGN NAME

COMPANY NAME

certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. *Operator Use Only: Waste Acceptance Frequency* Monthly Weekly Per Load

RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Isaac Reyes *IR*, representative for Chevron do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

5. Transporter:

Riley Industrial

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Envirotech Inc. Soil Remediation Facility Permit # NM-01-0011

Address of Facility: #43 Road 7175, south of Bloomfield NM

Method of Treatment and/or Disposal:

Evaporation Injection Treating Plant Landfarm Landfill Other

Waste Acceptance Status:

APPROVED

DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: _____ TITLE: _____ DATE: _____

SIGNATURE: _____ TELEPHONE NO.: _____

Surface Waste Management Facility Authorized Agent



Bill of Lading

MANIFEST # **56418**
 GENERATOR Cherron
 POINT OF ORIGIN Rincon 150
 TRANSPORTER Riley
 DATE 4-25-17 JOB # 92270-1625

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	Hydrovac TANK Bottom			15		16012	1437	<i>[Signature]</i>
2	BF	Washout			5		16012	1437	
					<u>20</u>				

RESULTS		LANDFARM EMPLOYEE	<i>Gary Robinson</i> EL	NOTES
<290	CHLORIDE TEST			
	PAINT FILTER TEST	Certification of above receipt & placement		

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document. DISTRIBUTION: White - Company Records, Yellow - Billing, Pink - Customer, Goldenrod - LF Copy



BOL# 56418

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 042517 TIME 1440

Attach test strip here

CUSTOMER Chevron

SITE Exp Coz 150

DRIVER Samuel

SAMPLE Soil Straight With Dirt

CHLORIDE TEST -290 mg/Kg

ACCEPTED YES NO

PAINT FILTER TEST Time started 1440 Time completed 1448

PASS YES NO

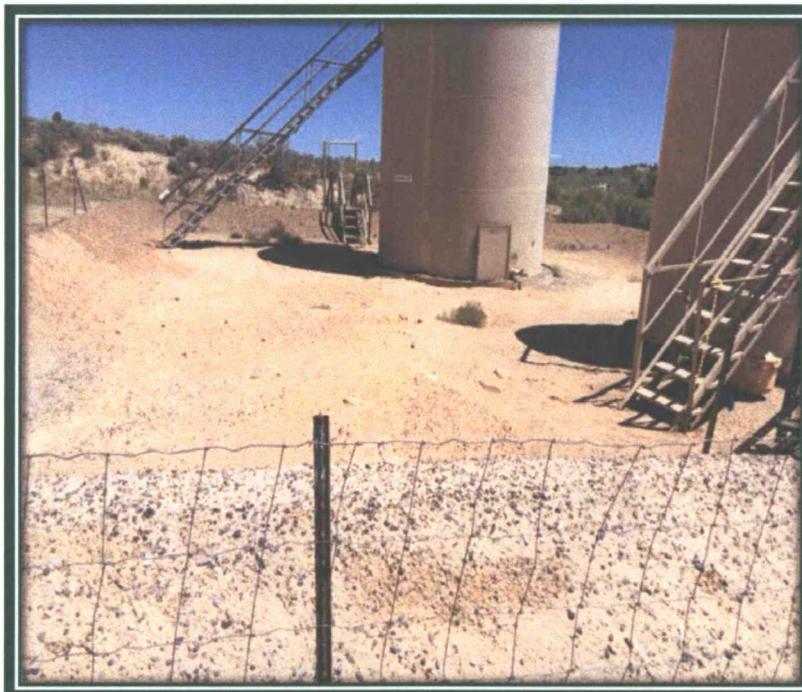
SAMPLER/ANALYST Cary Palmer



**SITE PHOTOGRAPHY
BELOW GRADE TANK CLOSURE REPORT
CHEVRON NORTH AMERICA
RINCON UNIT NP #150
PROJECT NUMBER 92270-1654
SEPTEMBER 2017**



Picture 1: Location Sign



Picture 2: Former location of 45 barrel BGT



June 15, 2017

Project Number 92270-1582

Mr. Isaac Reyes
Chevron North America
332 CR 3100
Aztec, New Mexico 87410

Email: isaacreyes@chevron.com
Phone: (505) 333-1954

RE: NORM SCREENING, LEAD PAINT SAMPLING, AND BELOW GRADE TANK (BGT) SOIL SAMPLING DOCUMENTATION FOR THE RINCON UNIT #150 WELL SITE LOCATED IN SECTION 6, TOWNSHIP 26 NORTH, RANGE 6 WEST, RIO ARRIBA COUNTY, NEW MEXICO

Dear Mr. Reyes,

Enclosed please find the *Vicinity Map*, *Field Notes*, *Summary of Analytical Results*, and *Analytical Results* for Naturally Occurring Radioactive Material (NORM) screening, lead paint sampling, and Below Grade Tank (BGT) soil sampling activities performed at the Rincon Unit #150 well site located at Section 6, Township 26 North, Range 6 West, Rio Arriba County, New Mexico (site); see enclosed *Vicinity Map*.

On April 26, 2017, Envirotech personnel performed NORM screening and lead paint sampling activities on production equipment at the aforementioned site. NORM screening results were below the allowable concentrations of two (2) times the background concentration; see enclosed *Field Notes*. One (1) sample of paint was collected from the BGT. The sample was placed into a quart size Ziploc bag and submitted to EMC Labs, Inc. for lead analysis. The sample returned a result below the Environmental Protection Agency (EPA) regulatory standard of 0.5% lead by weight and is therefore, considered to be a non-lead based paint; see enclosed *Analytical Results*.

Additionally, Envirotech personnel collected one (1) five (5) point composite soil sample was collected from beneath the former location of the BGT. The sample was screened in the field for organic vapors using a Photoionization Detector (PID) and for total petroleum hydrocarbons (TPH) using USEPA Method 418.1. The sample returned a result slightly above the New Mexico Oil Conservation Division (NMOCD) allowable level for TPH; see enclosed *Field Notes*. The sample was placed into four (4)-ounce, laboratory-provided, glass jar, capped head space free, and transported on ice under chain of custody to Envirotech's Analytical Laboratory to be analyzed for BTEX using USEPA Method 8021, Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Oil Range Organics (ORO) using USEPA Method 8015, TPH using USEPA Method 418.1, and for Chlorides using USEPA Method 300.1. The sample returned

results below the NMOCD regulatory standard of 100 mg/kg for TPH, 0.2 mg/kg for benzene, 50 mg/kg total BTEX, and 250 mg/kg for chlorides; see enclosed **Analytical Results**. Based on the analytical results, Envirotech recommends *No Further Action* status from the NMOCD.

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

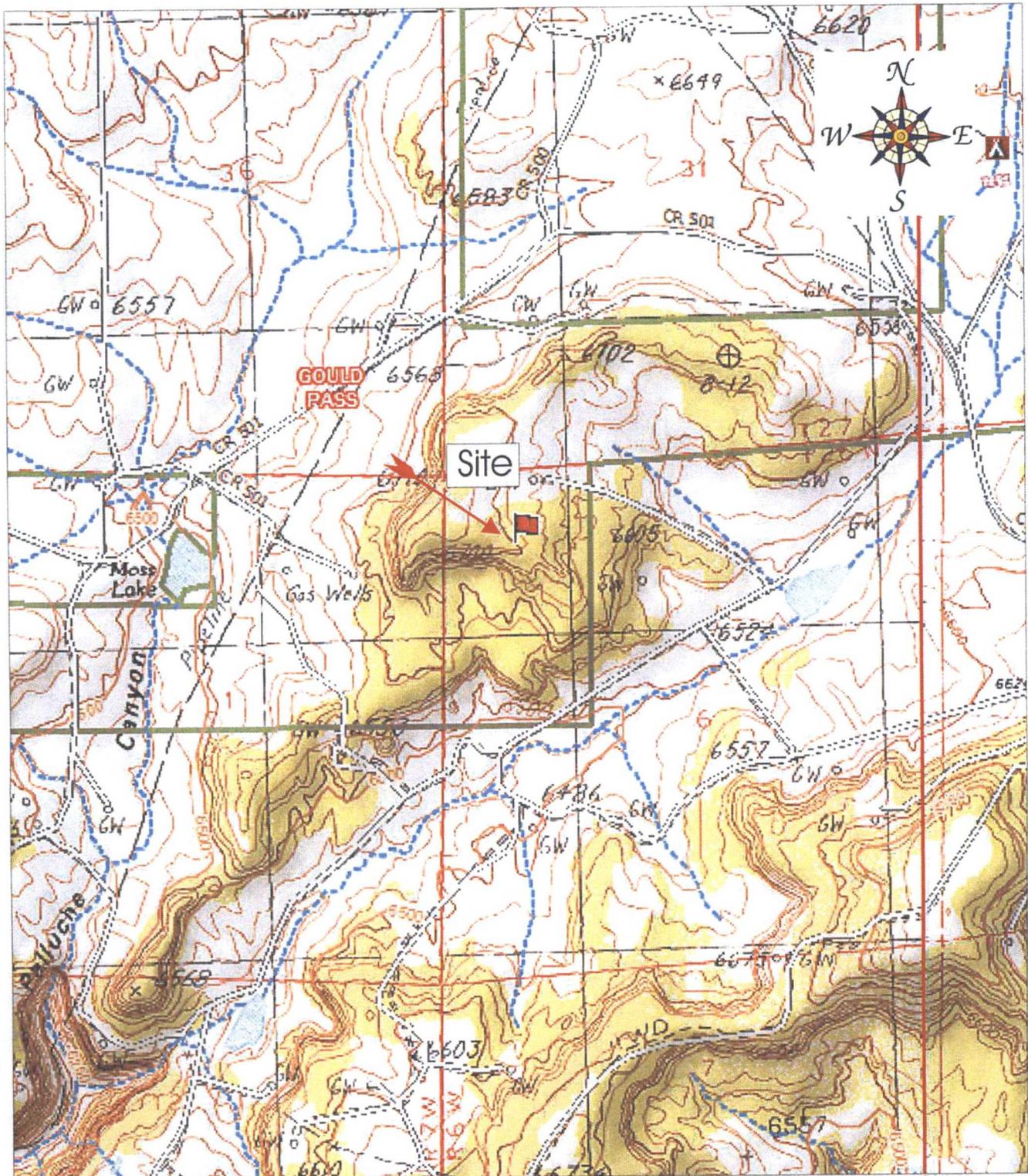
Respectfully submitted,
ENVIROTECH, INC.



Isaac Garcia
Environmental Field Technician
igarcia@envirotech-inc.com

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

Cc: Client File 92270



Source: 7.5 Minute, Gould Pass, New Mexico U.S.G.S. Topographic Quadrangle Map
 Scale: 1:24,000 1" = 2000'

Chevron North America
 Rincon Unit #150
 Section 6 Township 26N Range 6W
 Rio Arriba County, New Mexico

Project Number: 92270-1582 Date Drawn: 5/9/17

envirotech
 ENVIRONMENTAL SCIENTISTS & ENGINEERS

5796 U.S. HIGHWAY 64
 Farmington, New Mexico 87401
 505.632.0615

Vicinity Map

Figure #1

DRAWN BY: Isaac Garcia PROJECT MANAGER: Felipe Aragon

CLIENT: Chevron
 CLIENT/JOB #: 92270-1582
 START DATE: 4/26/17
 FINISH DATE: 4/26/17
 Page # 2 of 2



Environmental Specialist: P. Garcia
 C.O.C. No: _____
 LAT: 36.519377
 LONG: -107.515201

FIELD REPORT: LEAD AND ASBESTOS SAMPLING

LOCATION NAME: Rincon Unit WELL #: 150 API: _____
 QUAD/UNIT: _____ SEC: 6 TWP: 26N RNG: 6W PM: _____
 QTR/FOOTAGE: _____ CNTY: Rio Arriba ST: New Mexico

LEAD SAMPLES COLLECTED

TIME	SAMPLE I.D.	LEAD PAINT PEN RESULTS (Detected or Not Detected)	Lab Test Sample Collected (Yes or No)	Description
<u>12:08</u>	<u>B6T</u>	<u>N/A</u>	<u>yes</u>	<u>Black paint</u>

ASBESTOS CONTAINING MATERIALS (ACM) SAMPLES COLLECTED

TIME	SAMPLE I.D.	Description
	<u>N/A</u>	

NOTES:

[Signature] 4/26/17
 Analyst Signature Date
P. Garcia
 Printed Name

CLIENT: Chevron
 CLIENT/JOB # 92270-1582
 START DATE: 4/26/17
 FINISH DATE: 4/26/17
 Page # 1 of 1



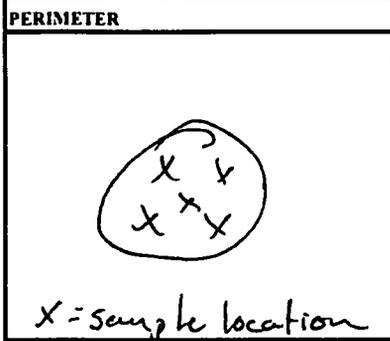
Environmental Specialist: P. Garcia
 C.O.C. No: _____
 LAT 36.519377
 LONG -107.578201

FIELD REPORT: BELOW GROUND TANK VERIFICATION

LOCATION NAME: Rincon No. 4 WELL #: 150 Temp Pit: _____ PERM Pit: _____
 QUAD/UNIT: SEC: 6 TWP: 26N RNG: 6W PM: _____
 QTR/FOOTAGE: CNTY: Rio Arriba ST: New Mexico
 Excavation Approx: 109 Feet X 10 Feet X 4 Feet Deep _____ Cubic Yardage: _____
 Disposal Facility: _____ Remediation Method: _____
 Land Owner: _____ API: _____ Pit Volume: _____
 Construction Material: Steel Double Walled, With Leak Detection: _____
 N/A Temporary Pit Groundwater < or = 50 feet deep Chloride 600mg/kg, TPH 100 mg/kg, BTEX 50 mg/kg, Benzene 10 mg/kg
 N/A Temporary Pit Groundwater 51-100 feet deep Chloride 10,000 mg/kg, TPH 2,500 mg/kg, GRO+DRO 1,000 mg/kg, BTEX 50 mg/kg, Benzene 10 mg/kg
 N/A Temporary Pit Groundwater > or = 100 feet deep Chloride 20,000 mg/kg, TPH 2,500 mg/kg, GRO+DRO 1,000 mg/kg, BTEX 50 mg/kg, Benzene 10 mg/kg
 N/A Permanent Pit Or BGT ?

FIELD 418.1 ANALYSIS

SAMPLE DESCRIPTION	TIME	SAMPLE ID	LAB #	WEIGHT	mL FREON	DILUTION	READING	CALC. (mg/kg)
<u>BGT Comp</u>	<u>12:21</u>	<u>BGT</u>		<u>5</u>	<u>20</u>	<u>4</u>	<u>40</u>	<u>160</u>
<u>200 standard</u>		<u>STD</u>		<u>-</u>	<u>-</u>	<u>-</u>	<u>197</u>	

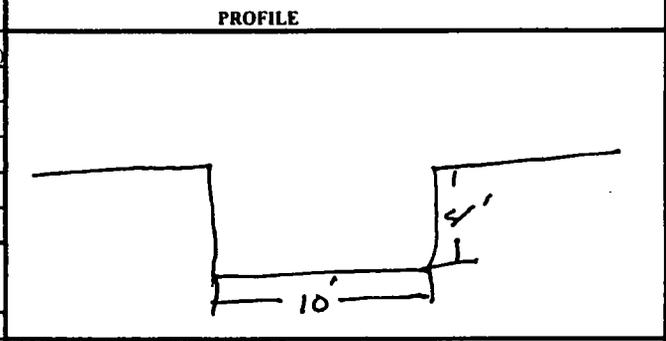


FIELD CHLORIDES RESULTS

SAMPLE ID	READING	CALC. (mg/kg)
<u>N/A</u>		

PID RESULTS

SAMPLE ID	RESULTS (mg/kg)
<u>BGT</u>	<u>0.4</u>



LAB SAMPLES

SAMPLE ID	ANALYSIS	US EPA
	BENZENE	8021B/8015M
	BTEX	8021B/80260B
	GRO & DRO	8015M
	CHLORIDES	EPA300
	TPH	418.1

NOTES: _____
 WO #: _____ Who ordered/Site Rep.: _____

[Signature]
 Analyst Signature
Isaac Garcia
 Printed Name
4/26/17
 Date



9830 South 51st Street, Suite B-109 / PHOENIX, ARIZONA 85044 / 480-940-5294 or 800-362-3373 / FAX 480-883-1726
amclab@emclabs.com

LEAD (Pb) IN PAINT CHIP SAMPLES
EMC SOP METHOD #L01/1 EPA SW-846 METHOD 7420

EMC LAB #: L64396		DATE RECEIVED: 04/28/17			
CLIENT: Envirotech		REPORT DATE: 05/02/17			
CLIENT ADDRESS: 5796 US Hwy 64 Farmington, NM 87401		DATE OF ANALYSIS: 05/02/17			
PROJECT NAME: Chevron - Rincon #150		P.O. NO.: 144348			
PROJECT NO.: 92270-1582					
EMC # L64396-	SAMPLE DATE /17	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
1	04/26	0-11968	Rincon #150 Lead Paint BGT Sample	0.010	BRL

^A = Dilution Factor Changed ^{*} = Excessive Substrate May Bias Sample Results BRL = Below Reportable Limits [#] = Very Small Amount Of Sample Submitted, May Affect Result

This report applies to the standards or procedures identified and to the samples tested only. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. Unless otherwise noted, all quality control analyses for the samples noted above were within acceptable limits.

Where it is noted that a sample with excessive substrate was submitted for laboratory analysis, such analysis may be biased. The lead content of such sample may, in actuality, be greater than reported. EMC makes no warranty, express or implied, as to the accuracy of the analysis of samples noted to have been submitted with excessive substrate. Resampling is recommended in such situations to verify original laboratory results.

These reports are for the exclusive use of the addressed client and are rendered upon the condition that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. Samples not destroyed in testing are retained a maximum of sixty (60) days.

ANALYST: 
Jason Thompson

QA COORDINATOR: 
Kurt Kettler

Table 1, Summary of Analytical Results
 Chevron North America
 Rincon Unit #150 Well Site
 BGT Closure Report
 Project Number 92270-1582

Date	Sample Description	Sample Number	PID OV (ppm)	USEPA Method 418.1 TPH (mg/kg)	USEPA Method 8015 TPH (mg/kg)	Chlorides (mg/kg)	USEPA Method 8021	
							Benzene (mg/kg)	BTEX (mg/kg)
NA	New Mexico Oil Conservation Division Standards	NA	100	100	100	250	0.2	50
4/26/2017	BGT Comp	1	0.4	ND	ND	ND	ND	ND

*Values in **BOLD** above regulatory limits

*NS - Parameter not samp *ND - Parameter not detected

*Closure Sample



CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 26-Apr-17

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	197
	200	
	500	
	1000	
	5000	

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

Analyst

6/14/2017

Date

Isaac Garcia

Print Name

Review

6/14/2017

Date

Felipe Aragon, CES

Print Name



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client: Chevron Project #: 92270-1582
Sample No.: 1 Date Reported: 6/14/2017
Sample ID: BGT Comp Date Sampled: 4/26/2017
Sample Matrix: Soil Date Analyzed: 4/26/2017
Preservative: Cool Analysis Needed: TPH-418.1
Condition: Cool and Intact

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	160	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: **Rincon Unit #150**

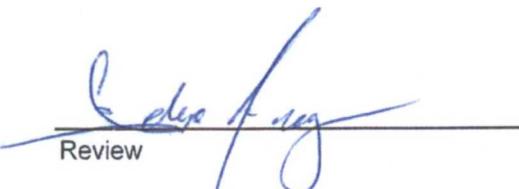
Instrument calibrated to 200 ppm standard and zeroed before each sample.



Analyst

Isaac Garcia

Printed



Review

Felipe Aragon, CES

Printed



Analytical Report

Report Summary

Client: Chevron

Chain Of Custody Number:

Samples Received: 4/26/2017 3:43:00PM

Job Number: 92270-1582

Work Order: P704039

Project Name/Location: Rincon Unit #150

Report Reviewed By:

Date: 4/28/17

Walter Hinchman, Laboratory Director

Date: 4/28/17

Tim Cain, Quality Assurance Officer

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

5796 US Highway 64, Farmington, NM 87401

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com



Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Rincon Unit #150 Project Number: 92270-1582 Project Manager: Felipe Aragon	Reported: 28-Apr-17 11:33
---	--	------------------------------

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Comp	P704039-01A	Soil	04/26/17	04/26/17	Glass Jar, 4 oz.

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Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Rincan Unit #150 Project Number: 92270-1582 Project Manager: Felipe Aragon	Reported: 28-Apr-17 11:33
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**BGT Comp
P704039-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.10	mg/kg	1	1717012	04/26/17	04/27/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1717012	04/26/17	04/27/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1717012	04/26/17	04/27/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1717012	04/26/17	04/27/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1717012	04/26/17	04/27/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1717012	04/26/17	04/27/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1717012	04/26/17	04/27/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101 %		50-150	1717012	04/26/17	04/27/17	EPA 8021B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1717012	04/26/17	04/27/17	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1717014	04/27/17	04/27/17	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1717014	04/27/17	04/27/17	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %		50-150	1717012	04/26/17	04/27/17	EPA 8015D	
Surrogate: n-Nonane		96.5 %		50-200	1717014	04/27/17	04/27/17	EPA 8015D	

Total Petroleum Hydrocarbons by 418.1

Total Petroleum Hydrocarbons	ND	40.0	mg/kg	1	1717013	04/27/17	04/27/17	EPA 418.1	
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Cation/Anion Analysis

Chloride	ND	20.0	mg/kg	1	1717015	04/27/17	04/27/17	EPA 300.0	
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envirotech-inc.com
laboratory@envirotech-inc.com



Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Rincon Unit #150 Project Number: 92270-1582 Project Manager: Felipe Aragon	Reported: 28-Apr-17 11:33
---	--	------------------------------

Volatle Organics by EPA 8021 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1717012 - Purge and Trap EPA 5030A

Blank (1717012-BLK1)			Prepared: 26-Apr-17 Analyzed: 27-Apr-17							
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	7.79		"	8.00		97.4	50-150			

LCS (1717012-BS1)			Prepared: 26-Apr-17 Analyzed: 27-Apr-17							
Benzene	5.19	0.10	mg/kg	5.00	ND	104	70-130			
Toluene	5.10	0.10	"	5.00	ND	102	70-130			
Ethylbenzene	5.09	0.10	"	5.00	ND	102	70-130			
p,m-Xylene	10.2	0.20	"	10.0	ND	102	70-130			
o-Xylene	4.97	0.10	"	5.00	ND	99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.08		"	8.00		101	50-150			

Matrix Spike (1717012-MS1)			Source: P704037-01		Prepared: 26-Apr-17 Analyzed: 27-Apr-17					
Benzene	5.12	0.10	mg/kg	5.00	ND	102	54.3-133			
Toluene	5.06	0.10	"	5.00	ND	101	61.4-130			
Ethylbenzene	5.07	0.10	"	5.00	ND	101	61.4-133			
p,m-Xylene	10.1	0.20	"	10.0	ND	101	63.3-131			
o-Xylene	4.96	0.10	"	5.00	ND	99.3	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	8.08		"	8.00		101	50-150			

Matrix Spike Dup (1717012-MSD1)			Source: P704037-01		Prepared: 26-Apr-17 Analyzed: 27-Apr-17					
Benzene	5.22	0.10	mg/kg	5.00	ND	104	54.3-133	1.90	20	
Toluene	5.15	0.10	"	5.00	ND	103	61.4-130	1.65	20	
Ethylbenzene	5.15	0.10	"	5.00	ND	103	61.4-133	1.60	20	
p,m-Xylene	10.3	0.20	"	10.0	ND	103	63.3-131	1.56	20	
o-Xylene	5.04	0.10	"	5.00	ND	101	63.3-131	1.60	20	
Surrogate: 4-Bromochlorobenzene-PID	8.12		"	8.00		101	50-150			

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Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Rincon Unit #150 Project Number: 92270-1582 Project Manager: Felipe Aragon	Reported: 28-Apr-17 11:33
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Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1717012 - Purge and Trap EPA 5030A

Blank (1717012-BLK1)

Prepared: 26-Apr-17 Analyzed: 27-Apr-17

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.53		"	8.00		107	50-150			

LCS (1717012-BS1)

Prepared: 26-Apr-17 Analyzed: 27-Apr-17

Gasoline Range Organics (C6-C10)	65.9	20.0	mg/kg	60.9		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		"	8.00		100	50-150			

Matrix Spike (1717012-MS1)

Source: P704037-01

Prepared: 26-Apr-17 Analyzed: 27-Apr-17

Gasoline Range Organics (C6-C10)	65.4	20.0	mg/kg	60.9	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		"	8.00		100	50-150			

Matrix Spike Dup (1717012-MSD1)

Source: P704037-01

Prepared: 26-Apr-17 Analyzed: 27-Apr-17

Gasoline Range Organics (C6-C10)	64.3	20.0	mg/kg	60.9	ND	106	70-130	1.70	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		"	8.00		97.3	50-150			

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Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Rincon Unit #150 Project Number: 92270-1582 Project Manager: Felipe Aragon	Reported: 28-Apr-17 11:33
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Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1717014 - DRO Extraction EPA 3570

Blank (1717014-BLK1) Prepared & Analyzed: 27-Apr-17

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40+)	ND	50.0	"							
Surrogate: n-Nonane	53.4		"	50.0		107	50-200			

LCS (1717014-BS1) Prepared & Analyzed: 27-Apr-17

Diesel Range Organics (C10-C28)	452	25.0	mg/kg	500		90.4	38-132			
Surrogate: n-Nonane	54.5		"	50.0		109	50-200			

Matrix Spike (1717014-MS1) Source: P704020-01 Prepared & Analyzed: 27-Apr-17

Diesel Range Organics (C10-C28)	456	25.0	mg/kg	500	ND	91.2	38-132			
Surrogate: n-Nonane	49.6		"	50.0		99.2	50-200			

Matrix Spike Dup (1717014-MSD1) Source: P704020-01 Prepared & Analyzed: 27-Apr-17

Diesel Range Organics (C10-C28)	464	25.0	mg/kg	500	ND	92.8	38-132	1.69	20	
Surrogate: n-Nonane	51.0		"	50.0		102	50-200			

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Chevron	Project Name: Rincon Unit #150	Reported:
322 Road 3100	Project Number: 92270-1582	28-Apr-17 11:33
Aztec NM, 87410	Project Manager: Felipe Aragon	

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1717013 - 418 Freon Extraction

Blank (1717013-BLK1)		Prepared & Analyzed: 27-Apr-17								
Total Petroleum Hydrocarbons	ND	40.0	mg/kg							
LCS (1717013-BS1)		Prepared & Analyzed: 27-Apr-17								
Total Petroleum Hydrocarbons	926	40.0	mg/kg	1000		92.6	80-120			
Matrix Spike (1717013-MS1)		Source: P704039-01		Prepared & Analyzed: 27-Apr-17						
Total Petroleum Hydrocarbons	928	40.0	mg/kg	1000	ND	92.8	70-130			
Matrix Spike Dup (1717013-MSD1)		Source: P704039-01		Prepared & Analyzed: 27-Apr-17						
Total Petroleum Hydrocarbons	958	40.0	mg/kg	1000	ND	95.8	70-130	3.18	30	

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Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Rincon Unit #150 Project Number: 92270-1582 Project Manager: Felipe Aragon	Reported: 28-Apr-17 11:33
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Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1717015 - Anion Extraction EPA 300.0										
Blank (1717015-BLK1) Prepared & Analyzed: 27-Apr-17										
Chloride	ND	20.0	mg/kg							
LCS (1717015-BS1) Prepared & Analyzed: 27-Apr-17										
Chloride	260	20.0	mg/kg	250		104	90-110			
Matrix Spike (1717015-MS1) Source: P704037-01 Prepared & Analyzed: 27-Apr-17										
Chloride	260	20.0	mg/kg	250	ND	104	80-120			
Matrix Spike Dup (1717015-MSD1) Source: P704037-01 Prepared & Analyzed: 27-Apr-17										
Chloride	254	20.0	mg/kg	250	ND	102	80-120	2.31	20	

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Chevron
322 Road 3100
Aztec NM, 87410

Project Name: Rincon Unit #150
Project Number: 92270-1582
Project Manager: Felipe Aragon

Reported:
28-Apr-17 11:33

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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Client: Chevron
 Project: Excav Unit #150
 Sampler: Envirotech
 Phone: _____
 Email(s): Jscarc
 Project Manager: Felipe Aragon

RUSH?
 1d
 3d

Lab Use Only		Analysis and Method						Lab Only		
Lab WO# <u>P704039</u>		GRO/DRO by 8015 + <u>ARO</u>	BTEX by 8021	TPH by 418.1	Chloride by 300.0	TCMP Metals	CO Table 910-1	TDS	Lab Number	Correct Cont/Prsv (s) Y/N
Job Number <u>92270-1582</u>										

Page 1 of 1

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015 + <u>ARO</u>	BTEX by 8021	TPH by 418.1	Chloride by 300.0	TCMP Metals	CO Table 910-1	TDS	Lab Number	Correct Cont/Prsv (s) Y/N
<u>BGT Comp</u>	<u>4/26/12</u>	<u>11:52</u>	<u>S</u>	<u>1-4oz/6/0-0-1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>					<u>1 Y</u>

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>4/26/12</u>	Time <u>15:43</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>4/26/12</u>	Time <u>15:43</u>	Lab Use Only **Received on Ice <u>(Y)</u> N	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____	T2 _____
						AVG Temp °C <u>4.0</u>	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Sample(s) dropped off after hours to a secure drop off area. Chain of Custody Notes/Billing info:
ice in cooler - Ay

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