

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.

16095

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. 306
API Number: 30-039-25404 OCD Permit Number: _____
U/L or Qtr/Qtr Qtr/Qtr M Section 34 Township 27N Range 7W County: Rio Arriba
Center of Proposed Design: Latitude 36 523779° Longitude -107 568422° 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 _____
**Closed without An Approved closure plan.*

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: 95 bbl Type of fluid: Produced 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.

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

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

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

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

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

☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC

☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

17.

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

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

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

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

☐ Yes ☐ No

☐ 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

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

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

Within 500 feet of a wetland.

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

☐ Yes ☐ No

Within the area overlying a subsurface mine.

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

☐ Yes ☐ No

Within an unstable area.

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

☐ Yes ☐ No

Within a 100-year floodplain.

- FEMA map

☐ Yes ☐ No

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: 10/26/17

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: 4/26/17

22.

Closure Method:

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

23.

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

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

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

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

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

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

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

24.

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

- ☒ Proof of Closure Notice (surface owner and division) **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-01-0011**
☒ 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: Isaac Reyes Date: 9/26/2017

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



September 26, 2017

Project Number 92270-1657

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 #306 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 #306 well site located in Section 34, Township 27 North, Range 7 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*

Email Cc: Mr. Isaac Reyes – Chevron NA

BELOW GRADE TANK (BGT) CLOSURE PLAN

SITE NAME:

**RINCON #306 WELL SITE
UNIT LETTER M, SECTION 34, TOWNSHIP 27 NORTH, RANGE 7 WEST
RIO ARriba COUNTY, NEW MEXICO
LATITUDE: N36.523779° LONGITUDE: W107.568422°**

SUBMITTED TO:

**MR. CORY SMITH / MS. VANESSA FIELDS
NEW MEXICO OIL CONSERVATION DIVISION
1000 RIO BRAZOS ROAD
AZTEC, NM 87410
PHONE (505) 334-6178**

SUBMITTED BY:

**MR. ISAAC REYES
CHEVRON NORTH AMERICA
POST OFFICE BOX 370
AZTEC, NEW MEXICO 87410
(505) 333-1929**

**INITIALLY SUBMITTED:
MARCH 2010**

**BELOW GRADE TANK (BGT) CLOSURE PLAN
CHEVRON NORTH AMERICA
RINCON #306 WELL SITE
SAN JUAN COUNTY, NEW MEXICO**

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INTRODUCTION

Chevron North America would like to submit a closure plan for the below grade tank (BGT) at the Rincon #306 Well Site located in the SW ¼ SW ¼ of Section 34, Township 27 North, Range 7 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 #306 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 12, 2011, by Mr. Brad Jones Kelly 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 to the BLM Farmington field office on April 27, 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 Services and transported to Envirotech's NMOCD approved 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 this 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 on-site; 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 via USEPA Method 8021, TPH via USEPA Method 418.1, and chlorides via USEPA 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 Composite	<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.
 1. **The sample returned results below the applicable NMOCD regulatory standards.**
 - ii. Activities beyond this point will be in accordance with 19.15.3.116 NMAC and 19.15.11.19 NMAC.
No additional activities were warranted in regards to this event.

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
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 306 BGT Abandonment

In the spring of 2017, Chevron will abandon the 45 BBL below-grade pit tank (BGT) on the Rincon 306 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 306, API 30-039-25404, Qtr SW/SW, Sec 34, Twn 27, Rng 7W

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 concentration 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 306 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 306 (API 30-039-25404)

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

SW/SW 34 27N 7W 36.523779 -107.568422

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, 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, 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



MANIFEST # 56411
GENERATOR Chevron
POINT OF ORIGIN Rincon - 306
TRANSPORTER Riley's
DATE 4-24-17 JOB # 92270-1627

[illegible]

san juan reproduction 578-126

BOL# 56411

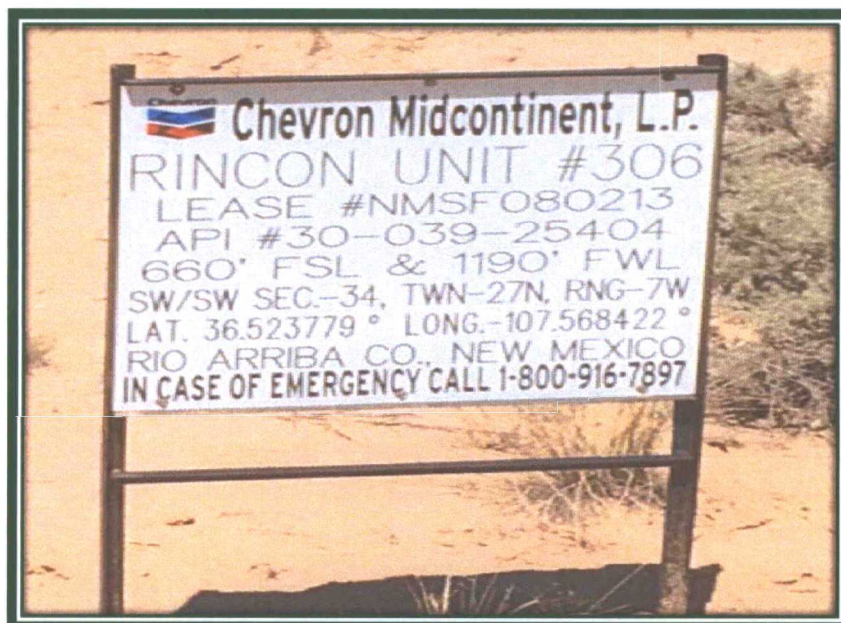
CHLORIDE TESTING / PAINT FILTER TESTING

DATE 4-24-17 TIME 15:23

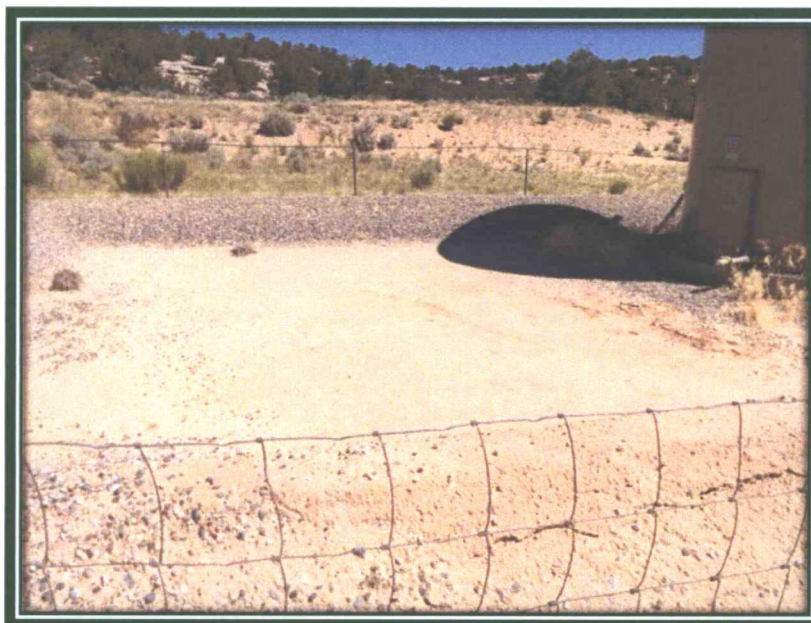
Attach test strip here

CUSTOMER ChevronSITE Rincon 3000DRIVER Sam LopezSAMPLE ☒ Soil ☐ Straight ☐ With DirtCHLORIDE TEST -290 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 15:23 Time completed 15:28PASS YES ☒ NO ☐SAMPLER/ANALYST [Signature]

**SITE PHOTOGRAPHY
BELOW GRADE TANK CLOSURE REPORT
CHEVRON NORTH AMERICA
RINCON UNIT #306
PROJECT NUMBER 92270-16547
SEPTEMBER 2017**



Picture 1: Location Sign



Picture 2: Former location of BGT



June 15, 2017

Project Number 92270-1593

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

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

RE: NORM SCREENING, LEAD PAINT SAMPLING, AND BELOW GRADE TANK (BGT) SOIL SAMPLING DOCUMENTATION FOR THE RINCON UNIT #306 WELL SITE LOCATED IN SECTION 34, TOWNSHIP 27 NORTH, RANGE 7 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 #306 well site located at Section 34, Township 27 North, Range 7 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 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.

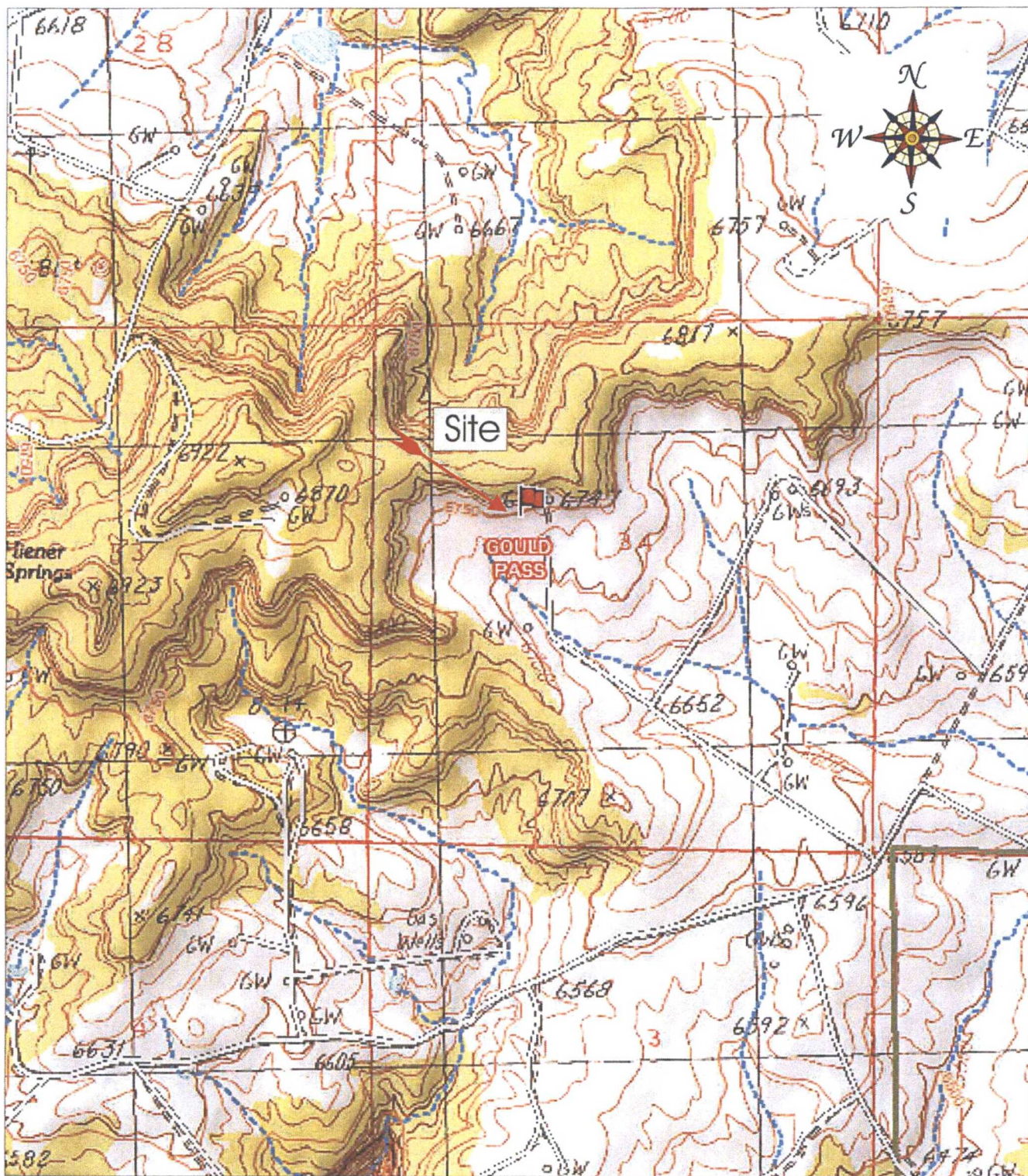
Respectfully submitted,
ENVIROTECH, INC.



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 #306 Section 34 Township 27N Range 7W Rio Arriba County, New Mexico Project Number: 92270-1593 Date Drawn: 5/8/17		<div data-bbox="613 1755 977 1855">  envirotech <small>ENVIRONMENTAL SCIENTISTS & ENGINEERS</small> </div> <div data-bbox="613 1883 977 1959"> 5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615 </div>		Vicinity Map Figure #1 <div data-bbox="1010 1904 1198 1959"> DRAWN BY: Isaac Garcia </div> <div data-bbox="1230 1904 1419 1959"> PROJECT MANAGER: Felipe Aragon </div>
--	--	---	--	--

CLIENT: Cherison

CLIENT/JOB # 92270-1593

START DATE: 4/26/17

FINISH DATE: 4/26/17

Page # 2 of 2



Environmental Specialist: E. Garcia

C.O.C. No: _____

LAT 36.5297

LONG 107.5684

FIELD REPORT: LEAD AND ASBESTOS SAMPLING

LOCATION NAME: *Rincon Unit* WELL #: *306* API: *30-039-25804*

QUAD/UNIT: SEC: 34 TWP: 27N RNG: 7W PM:

QTR/FOOTAGE: CNTY: *Rio Arriba* ST: *New Mexico*

LEAD SAMPLES COLLECTED[illegible]

ASBESTOS CONTAINING MATERIALS (ACM) SAMPLES COLLECTED

[illegible]

NOTES:

Donec

Analyst Signature

✓126117

Date _____

Isaac Curcio

Printed Name _____

CLIENT: Chesron
CLIENT/JOB # 92270-1593
START DATE: 4/26/17
FINISH DATE: 4/26/17
Page # 1 of 1



Environmental Specialist: P. Garcia
C.O.C. No: _____
LAT 36.531326
LONG -107.566514

FIELD REPORT: BELOW GROUND TANK VERIFICATION

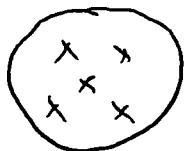
LOCATION NAME: Rincon Unit WELL #: 306 Temp Pit: _____ PERM Pit: _____
QUAD/UNIT: SEC: 34 TWP: 27N RNG: 7W PM: _____
QTR/FOOTAGE: CNTY: San Juan ST: New Mexico
Excavation Approx: 10 Feet X 10 Feet X 4 Feet Deep _____ Cubic Yardage: N/A
Disposal Facility: _____ Remediation Method: _____
Land Owner: _____ 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>200 Standard</u>	<u>9:14</u>	<u>STD</u>		<u>—</u>	<u>—</u>	<u>—</u>	<u>197</u>	
<u>BGT Comp</u>	<u>9:17</u>			<u>5</u>	<u>20</u>	<u>4</u>	<u>38</u>	<u>152</u>

PERIMETER



X = sample locations

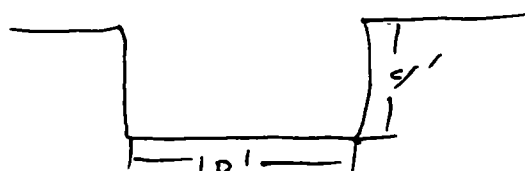
FIELD CHLORIDES RESULTS

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

PID RESULTS

SAMPLE ID	RESULTS (mg/kg)
<u>BGT</u>	<u>0.0</u>

PROFILE



NOTES:

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

WO #:

Who ordered/Site Rep.:

[Signature]
Analyst Signature
P. Garcia
Printed Name

4/26/17
Date

Table 1, Summary of Analytical Results

Chevron North America
 Rincon Unit #306 Well Site
 BGT Closure Report
 Project Number 92270-1593

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	ND	ND	ND	ND	ND

*Values in **BOLD** above regulatory limits

*Closure Sample

*NS - Parameter not sampled *ND - Parameter not detected



9830 South 51st Street, Suite B-109 / PHOENIX, ARIZONA 85044 / 480-940-5294 or 800-362-3373 / FAX 480-893-1726
emclab@emclabs.com

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

EMC LAB #: L64395		DATE RECEIVED: 04/28/17			
CLIENT: Envirotech		REPORT DATE: 05/02/17			
		DATE OF ANALYSIS: 05/02/17			
CLIENT ADDRESS: 5796 US Hwy 64 Farmington, NM 87401		P.O. NO.: 144348			
PROJECT NAME: Chevron – Rincon #306		PROJECT NO.: 92270-1593			
EMC # L64395-	SAMPLE DATE /17	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
1	04/26	0-11967	Rincon #306 Lead Paint BGT Sample	0.010	BRL

^ = 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



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.

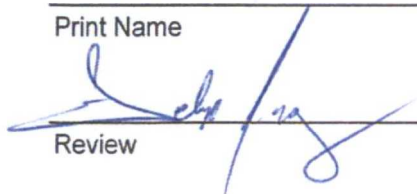


Analyst

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
Sample No.: 1
Sample ID: BGT Comp
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 92270-1593
Date Reported: 6/14/2017
Date Sampled: 4/26/2017
Date Analyzed: 4/26/2017
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

Total Petroleum Hydrocarbons	152	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 #306**

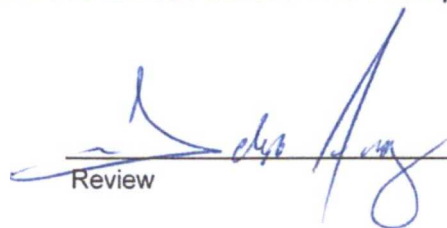
Instrument calibrated to 200 ppm standard and zeroed before each sample.



Analyst

Isaac Garcia

Printed



Review

Felipe Aragon, CES

Printed



Analytical Report

Report Summary

Client: Chevron

Chain Of Custody Number:

Samples Received: 4/26/2017 3:46:00PM

Job Number: 92270-1593

Work Order: P704037

Project Name/Location: Rincon Unit #306

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a horizontal line.

Date: 4/28/17

Walter Hinchman, Laboratory Director

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

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.



Chevron
322 Road 3100
Aztec NM, 87410

Project Name: Rincon Unit #306
Project Number: 92270-1593
Project Manager: Felipe Aragon

Reported:
28-Apr-17 11:31

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Comp	P704037-01A	Soil	04/26/17	04/26/17	Glass Jar, 4 oz.

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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	Project Name:	Rincon Unit #306	Reported:
322 Road 3100	Project Number:	92270-1593	28-Apr-17 11:31
Aztec NM, 87410	Project Manager:	Felipe Aragon	

**BGT Comp
P704037-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>Volatile Organics by EPA 8021</u>									
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	
<u>Nonhalogenated Organics by 8015</u>									
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		104 %		50-150	1717012	04/26/17	04/27/17	EPA 8015D	
Surrogate: n-Nonane		91.7 %		50-200	1717014	04/27/17	04/27/17	EPA 8015D	
<u>Total Petroleum Hydrocarbons by 418.1</u>									
Total Petroleum Hydrocarbons	ND	40.0	mg/kg	1	1717013	04/27/17	04/27/17	EPA 418.1	
<u>Cation/Anion Analysis</u>									
Chloride	ND	20.0	mg/kg	1	1717015	04/27/17	04/27/17	EPA 300.0	

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5796 US Highway 64, Farmington, NM 87401

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

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

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

envirotech-inc.com

laboratory@envirotech-inc.com



Chevron 322 Road 3100 Aztec NM, 87410	Project Name: Rincon Unit #306 Project Number: 92270-1593 Project Manager: Felipe Aragon	Reported: 28-Apr-17 11:31
---	--	------------------------------

Volatile 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		104	70-130			
Toluene	5.10	0.10	"	5.00		102	70-130			
Ethylbenzene	5.09	0.10	"	5.00		102	70-130			
p,m-Xylene	10.2	0.20	"	10.0		102	70-130			
o-Xylene	4.97	0.10	"	5.00		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 #306
Project Number: 92270-1593
Project Manager: Felipe Aragon

Reported:
28-Apr-17 11:31

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
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 #306
Project Number: 92270-1593
Project Manager: Felipe Aragon

Reported:
28-Apr-17 11:31

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
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 #306	Reported:
322 Road 3100	Project Number:	92270-1593	28-Apr-17 11:31
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
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	Project Name:	Rincon Unit #306	Reported:
322 Road 3100	Project Number:	92270-1593	28-Apr-17 11:31
Aztec NM, 87410	Project Manager:	Felipe Aragon	

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 #306
Project Number: 92270-1593
Project Manager: Felipe Aragon

Reported:
28-Apr-17 11:31

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: Rincon Unit # 306
 Sampler: E. Garcia
 Phone: _____
 Email(s): Isaac
 Project Manager: Felipe Aragon

RUSH?

☒ 1d
☐ 3d

Lab Use Only		Analysis and Method										Lab Only	
Lab WO#													
P704037													
Job Number													
92290-1593													

Page 6 of 6

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	9015	8021	418.1	CJ											Lab Number	Correct Cont/Prsv (s) Y/N
BGT Comp	4/26/17	8:36	S	1-4oz / 61 cool	X	X	X	X											1	Y

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only		
<u>[Signature]</u>	4/26/17	15:46	<u>[Signature]</u>	4/26/17	15:46	*Received on Ice <u>Y</u> / N		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1	T2	T3
						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, v - VOA

**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.

<input type="checkbox"/> 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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