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.

16092

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. 193M
API Number: 30-039-25529 OCD Permit Number:
U/L or Qtr/Qtr Qtr/Qtr D Section 35 Township 27N Range 7W County: Rio Arriba
Center of Proposed Design: Latitude 36.534297º Longitude -107.549752º 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: 45 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 ___
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.

38

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

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

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

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

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

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

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

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

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

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

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 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:** 2/6/18

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-01-0011**

☒ 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 36.5343073º Longitude -107.54307392º 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

envirotech

OIL CONS. DIV DIST. 3
OCT 13 2017

October 11, 2017 Project Number 92270-1656

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 #193M well site located in Section 35, 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
CHEVRON NORTH AMERICA
RINCON #193M WELL SITE
RIO ARRIBA COUNTY, NEW MEXICO

TABLE OF CONTENTS

INTRODUCTION

Chevron North America would like to submit a closure plan for the below grade tank (BGT) at the Rincon #193M well site located in the NW ¼ NW ¼ of Section 35, 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 #193M 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 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. **Please find attached the written notification and Certified Mail Certificate for land owner notification sent 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 Industiral 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 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 using USEPA Method 8021, TPH using USEPA Method 418.1, and chlorides using 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. **Soil samples returned results below the NMOCD regulatory standards.**

      ii. Activities beyond this point will be in accordance with 19.15.3.116 NMAC and 19.15.11.19 NMAC.
         1. **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

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
Facilites 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

Chevron

Sundry Notice: Rincon 193M BGT Abandonment

In the spring of 2017, Chevron will abandon the 45 BBL below-grade pit tank (BGT) on the Rincon 193M 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 193M, API 30-039-25529, Qtr NW/NW, Sec 35, Twn 27N, 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 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 193M Pit Location
©2015 Google

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

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 193M (API 30-039-25529)

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

NW/NW 35 27N 7W 36.534297 -107.549752

4. Source and Description of Waste:

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

Estimated Volume: 10 yd^3 / bbls Known Volume (to be entered by the operator at the end of the haul) _____ yd^3 / 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

envirotech

Bill of Lading

MANIFEST # 56412
GENERATOR Chevron
POINT OF ORIGIN Rincon, 193-M
TRANSPORTER Rileys
DATE 4-24-17 JOB # 9227D-1626

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	Heavy Vac Tank Bottoms			12		16013	15:28	
-.	BF	Wash Out			4		16013	15:28	
					16				

RESULTS			LANDFARM EMPLOYEE	NOTES
< 290	CHLORIDE TEST	1	EL	
	PAINT FILTER TEST	1	Certification of above receival & 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

envirotech

BOL# 52412

CHLORIDE TESTING / PAINT FILTER TESTING

DATE 4-24-17 TIME 15:28

CUSTOMER Chevron

SITE Rincon 193-M

DRIVER Chris Anderson

SAMPLE (Soil) Straight ✓ With Dirt _____

CHLORIDE TEST 290 mg/Kg

ACCEPTED YES ✓ NO _____

PAINT FILTER TEST Time started 15:28 Time completed 15:33

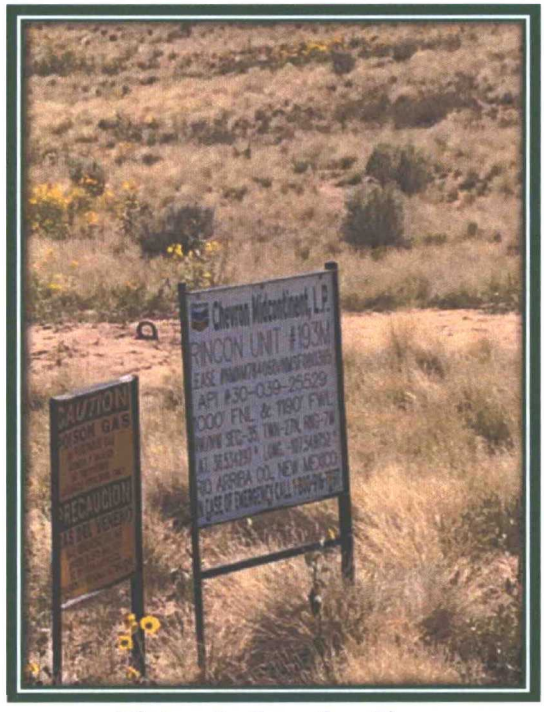
PASS YES ✓ NO _____

SAMPLER/ANALYST _____

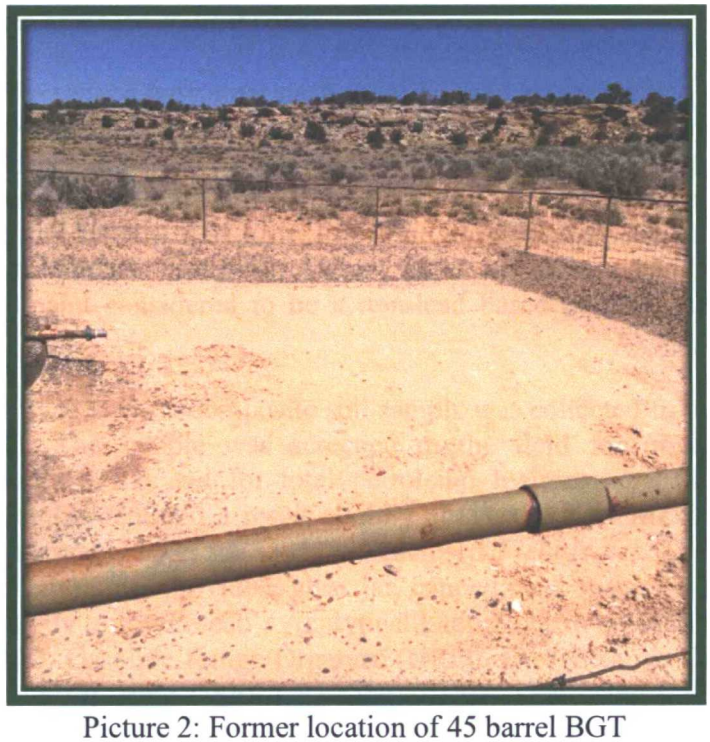
Attach test strip here

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

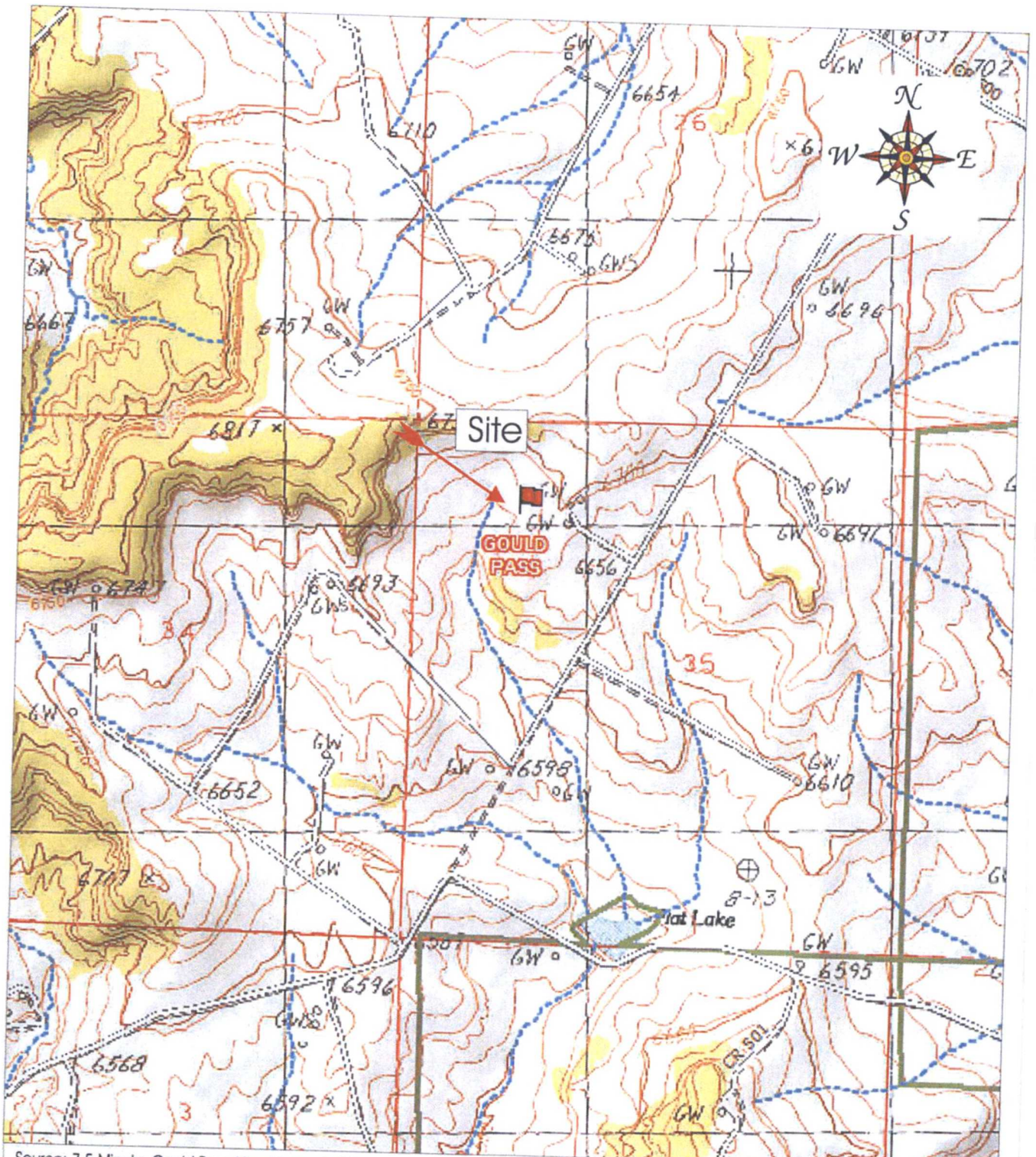
SITE PHOTOGRAPHY
BELOW GRADE TANK CLOSURE REPORT
CHEVRON NORTH AMERICA
RINCON UNIT NP #193M
PROJECT NUMBER 92270-1656
SEPTEMBER 2017



Picture 1: Location Sign



Picture 2: Former location of 45 barrel BGT



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 #193M Section 35 Township 27N Range 7W Rio Arriba County, New Mexico	envirotech ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615	Vicinity Map	
Project Number: 92270-1589 / Date Drawn: 5/9/17		Figure #1	
		DRAWN BY: Isaac Garcia	PROJECT MANAGER: Felipe Aragon

CLIENT: Chevron

CLIENT/JOB #: 92270-1589

START DATE: 4/26/17

FINISH DATE: 4/26/17

Page # 1 of 2

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

Environmental Specialist: A. Garcia

C.O.C. No:

LAT 36.534307

LONG -107.549739

FIELD REPORT: NORM TESTING VERIFICATION

LOCATION NAME: Rincon Unit WELL #: 193M API:

QUAD/UNIT: SEC: 35 TWP: 27N RNG: 7W PM:

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

BACKGROUD READING				ALLOWABLE CONCENTRATION (2 TIMES BACKGROUND)			
pancake	Probe #1	.02	mR/hr	Probe #1	.04	mR/hr	
scintillation	Probe #2	.04	mR/hr	Probe #2	.08	mR/hr	

TIME	SAMPLE I.D.	DESCRIPTION	CONCENTRATION Probe 1	Probe 2	
1015		BGT	.02	.04	

Notes:

Analyst Signature

4/26/17
Date

Isaac Garcia
Printed Name

65M525
Instrument I.D.

Conversion Factors 1 Rem =	
Roentgen:	0.0838
Rem:	1
Sievert:	0.01
Coulomb/kilogram:	2.16E-05
Microcoulomb/kilogram:	21.6204
Millicoulomb/kilogram:	0.02162
Rep:	0.0838
Parker:	0.0838

CLIENT: Chevron

CLIENT/JOB #: 92270-1589

START DATE: 4/26/17

FINISH DATE: 4/26/17

Page # 2 of 2

envirotech

(505) 632-0615 (800) 362-1879

5796 U.S. Hwy 64, Farmington, NM 87401

Environmental Specialist: J. Garcia

C.O.C. No:

LAT 36.534907

LONG -107.549739

FIELD REPORT: LEAD AND ASBESTOS SAMPLING

LOCATION NAME: Rincon Unit WELL #: 193M API:

QUAD/UNIT: SEC: 35 TWP: 27N RNG: 7W 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
	BGT	N/A	YES	Black paint

ASBESTOS CONTAINING MATERIALS (ACM) SAMPLES COLLECTED

TIME	SAMPLE I.D.	Description
	N/A	

NOTES:

Analyst Signature

4/26/17

Date

Isaac Garcia

Printed Name

CLIENT: Chevron

CLIENT/JOB #: 92270-1589

START DATE: 4/26/17

FINISH DATE: 4/26/17

Page # 1 of 1

envirotech

(505) 632-0615 (800) 362-1879

5796 U.S. Hwy 64, Farmington, NM 87401

Environmental Specialist: E. Garcia

C.O.C. No:

LAT 36.534307

LONG -107.549739

FIELD REPORT: BELOW GROUND TANK VERIFICATION

LOCATION NAME: Rincon Unit WELL #: 193M Temp Pit: PERM Pit:

QUAD/UNIT: SEC: 35 TWP: 27N RNG: 7W PM:

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

Excavation Approx: 10 Feet X 10 Feet X 4 Feet Deep Cubic Yardage:

Disposal Facility: Remediation Method:

Land Owner: API: Pit Volume:

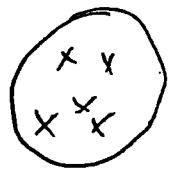
Construction Material: Steel Double Walled, With Leak Detection:

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 ANLAYSIS

SAMPLE DESCRIPTION	TIME	SAMPLE ID	LAB #	WEIGHT	mL FREON	DILUTION	READING	CALC. (mg/kg)
200 Standard		STD	—	—	—	—	197	
BGT Comp	10:35	BGT	—	5	20	4	32	128

PERIMETER



X = Sample location

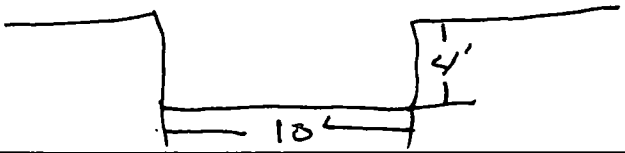
FIELD CHLORIDES RESULTS

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

PID RESULTS

SAMPLE ID	RESULTS (mg/kg)
BGT	0.5

PROFILE



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.:

Analyst Signature

4/26/17

Date

Printed Name

Pit Closure Verification 2015

Table 1, Summary of Analytical Results
Chevron North America
Rincon Unit #193M Well Site
BGT Closure Report
Project Number 92270-1589

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	0.5	ND	ND	ND	ND	ND

*Values in **BOLD** above regulatory limits
*Closure Sample
*NS - Parameter not sampled *ND - Parameter not detected

EMC LABS, INC.

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 #:	L64394	**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 #193M	**PROJECT NO.:**	92270-1589

EMC # L64394-	SAMPLE DATE /17	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
1	04/26	0-11966	Rincon #193M 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.

ANALYST: _____ Jason Thompson

QA COORDINATOR: _____ Kurt Kettler

Rev. 11/30/08

envirotech

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	
	200	197
	500	
	1000	
	5000	

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

Analyst — Date: 6/19/2017

Isaac Garcia
Print Name

Review — Date: 6/19/2017

Felipe Aragon, CES
Print Name

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 Fr (800) 362-1879
envirotech-inc.com
info@envirotech-inc.com

envirotech

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Chevron	Project #:	92270-1589
Sample No.:	1	Date Reported:	6/19/2017
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	**128**	**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 #193M**

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

Analyst

Isaac Garcia
Printed

Review

Felipe Aragon, CES
Printed

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 Fr (800) 362-1879
envirotech-inc.com
info@envirotech-inc.com

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Chevron

Chain Of Custody Number:

Samples Received: 4/26/2017 3:45:00PM

Job Number: 92270-1589

Work Order: P704038

Project Name/Location: Rincon Unit #193m

Report Reviewed By: Walter Hinchman Date: 4/28/17

Walter Hinchman, Laboratory Director

Date: 4/28/17

Tim Cain, Quality Assurance Officer

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 Fr (800) 362-1879

envirotech-inc.com

laboratory@envirotech-inc.com

envirotech
Analytical Laboratory

Chevron	Project Name:	Rincon Unit #193m	
322 Road 3100	Project Number:	92270-1589	Reported:
Aztec NM, 87410	Project Manager:	Felipe Aragon	28-Apr-17 11:32

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BGT Comp	P704038-01A	Soil	04/26/17	04/26/17	Glass Jar, 4 oz.

envirotech
Analytical Laboratory

Chevron	Project Name:	Rincon Unit #193m	
322 Road 3100	Project Number:	92270-1589	Reported:
Aztec NM, 87410	Project Manager:	Felipe Aragon	28-Apr-17 11:32

BGT Comp
P704038-01 (Solid)

Analyte	Result	Reporting 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		*102 %*		*50-150*	*1717012*	*04/26/17*	*04/27/17*	*EPA 8015D*	
Surrogate: n-Nonane		*98.0 %*		*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	
Cation/Anion Analysis									
Chloride	ND	20.0	mg/kg	1	1717015	04/27/17	04/27/17	EPA 300.0	

envirotech
Analytical Laboratory

Chevron	Project Name:	Rincon Unit #193m	
322 Road 3100	Project Number:	92270-1589	Reported:
Aztec NM, 87410	Project Manager:	Felipe Aragon	28-Apr-17 11:32

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*			

envirotech
Analytical Laboratory

Chevron	Project Name:	Rincon Unit #193m	
322 Road 3100	Project Number:	92270-1589	Reported:
Aztec NM, 87410	Project Manager:	Felipe Aragon	28-Apr-17 11:32

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*			

envirotech
Analytical Laboratory

Chevron	Project Name:	Rincon Unit #193m	
322 Road 3100	Project Number:	92270-1589	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	28-Apr-17 11:32

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*			

envirotech
Analytical Laboratory

Chevron	Project Name:	Rincon Unit #193m	
322 Road 3100	Project Number:	92270-1589	**Reported:**
Aztec NM, 87410	Project Manager:	Felipe Aragon	28-Apr-17 11:32

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	

envirotech
Analytical Laboratory

Chevron	Project Name:	Rincon Unit #193m	
322 Road 3100	Project Number:	92270-1589	Reported:
Aztec NM, 87410	Project Manager:	Felipe Aragon	28-Apr-17 11:32

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	

envirotech
Analytical Laboratory

Chevron	Project Name:	Rincon Unit #193m	
322 Road 3100	Project Number:	92270-1589	Reported:
Aztec NM, 87410	Project Manager:	Felipe Aragon	28-Apr-17 11:32

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

Client: Chevron
Project: Rincon Unit #193 M
Sampler: Z. Garcia
Phone:
Email(s): Isaac
Project Manager: Felipe Aragon

RUSH? ✓ 1d ☐ 3d

Lab Use Only
Lab WO# P704038
Job Number 92270-1589

Page 1 of 1

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	Analysis and Method: 8015 GRO/DRO/ORO	8021	418.1	Cl⁻	Lab Only: Lab Number	Correct Cont/Prsrv (s) Y/N
BGT Comp	4/24/17	10100	S	1-40z/G/cool	X	X	✓	X	1	Y

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	4/24/17	15:45		4/26/17	15:45
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
**Received on Ice (Y) / N
T1____ T2____ T3____
AVG Temp °C 4.0

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.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing Info:
ice in cooler

envirotech Analytical Laboratory
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 Fr (800) 362-1879