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

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

Form C-144
Revised April 3, 2017

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

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

BGT1 Closure Report

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

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: Simcoe, LLC OGRID #: 329736
Address: 1199 Main Ave., Suite 101, Durango, CO 81301
Facility or well name: Roelofs LS #005
API Number: 30-045-21031 OCD Permit Number: _____
U/L or Qtr/Qtr O Section 15 Township 29N Range 8W County: San Juan
Center of Proposed Design: Latitude 36.72055182 Longitude -107.66038 NAD83
Surface Owner: ■ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☐ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC
Temporary: ☐ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no
☐ Lined ☐ Unlined Liner type: Thickness _____mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☐ String-Reinforced
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____ Volume: _____bbl Dimensions: L_____ x W_____ x D_____

3.
■ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC Tank ID: A
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 double-walled, double-bottomed; sidewalls not visible
Liner type: Thickness _____mil ☐ HDPE ☐ PVC ☐ Other _____

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

5.
Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*
☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*
☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet
☐ Alternate. Please specify_____

6.
Netting: Subsection E of 19.15.17.11 NMAC *(Applies to permanent pits and permanent open top tanks)*

☐ Screen ☐ Netting ☐ Other_____

☐ Monthly inspections (If netting or screening is not physically feasible)

7.
Signs: Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☐ Signed in compliance with 19.15.16.8 NMAC

8.
Variances and Exceptions:
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

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

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

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

9.
Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)** - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. **(Does not apply to below grade tanks)** - 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. **(Does not apply to below grade tanks)** - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter) Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied 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 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

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

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

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

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

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

11.

Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC

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

☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ A List of wells with approved application for permit to drill associated with the pit.
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

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

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

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

13.
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Multi-well Fluid Management Pit ☐ Alternative

Proposed Closure Method:
- ☐ Waste Excavation and Removal
- ☐ Waste Removal (Closed-loop systems only)
- ☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
  - ☐ In-place Burial ☐ On-site Trench Burial
- ☐ Alternative Closure Method

14.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

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

15.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ No

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

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

17.
Operator Application Certification:

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

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

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

OCD Representative Signature: Jaclyn Burdine **Approval Date:** 07/26/2022

Title: Environmental Specialist-A **OCD Permit Number:** BGT1

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

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

■ **Closure Completion Date:** 3/23/2022

20.
Closure Method:

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

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ■ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☐ Plot Plan (for on-site closures and temporary pits)
- ■ Confirmation Sampling Analytical Results (if applicable)
- ☐ Waste Material Sampling Analytical Results (required for on-site closure)
- ☐ Disposal Facility Name and Permit Number
- ☐ Soil Backfilling and Cover Installation
- ☐ Re-vegetation Application Rates and Seeding Technique
- ■ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 36.72055182 Longitude -107.66038 NAD: ☐ 1927 ■ 1983

22.

Operator Closure Certification:

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

Name (Print): Julie Best Title: HSE and Measurement Manager

Signature: Julie Best Date: 5/3/2022

e-mail address: julie.best@ikavenergy.com Telephone: (970) 828-4060

SIMCOE, LLC
SAN JUAN BASIN, NORTHWEST NEW MEXICO

Well Name: Roelofs LS #005
Well API# 30-045-21031
Unit Letter O, Section 15, T29N, R8W

BELOW-GRADE TANK CLOSURE PLAN

This plan will address the standard protocols and procedures for closure of below-grade tanks (BGTs) on this SIMCOE, LLC well sites. As stipulated in Paragraph A of 19.15.17.13 NMAC, SIMCOE, LLC shall close a BGT within the time periods provided in 19.15.17.13 NMAC, or by an earlier date that the New Mexico Oil Conservation Division (NMOCD) requires because of imminent danger to fresh water, public health, safety, or the environment. If deviations from this plan are necessary, any specific changes will be included on form C-144 and approved by the NMOCD. SIMCOE, LLC shall close an existing BGT that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years after June 16, 2008, if not retrofit with a BGT that complies with the SIMCOE, LLC NMOCD approved BGT design attached to the SIMCOE, LLC Design and Construction Plan. SIMCOE, LLC shall close an existing BGT that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC, if not previously retrofitted to comply with the SIMCOE, LLC NMOCD approve BGT Design attached to the SIMCOE, LLC Design and Construction Plan, prior to any sale or change in operator pursuant to 19.15.9.9 NMAC. SIMCOE, LLC shall close the permitted BGT within 60 days of cessation of the BGTs operation or as required by the transitional provisions of Subsection B, D, or E of 19.15.17.17 NMAC.

General Closure Plan

1. SIMCOE, LLC shall notify the surface owner by certified mail that it plans to close a BGT. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records demonstrates compliance with this requirement.
Notice was provided and is attached.

2. SIMCOE, LLC shall notify the division District III office verbally or by other means at least 72 hours, but not more than one (1) week, prior to any closure operation. The notice shall include the operator's name, and the location to be closed by unit letter, section, township, and range. If the BGT closure is associated with a particular well, then the notice shall also include the well's name, number, and API number.
Notice was provided and is attached.

3. SIMCOE, LLC shall remove liquids and sludge from the BGT prior to implementing a closure method and dispose of the liquids and sludge in a NMOCD's division-approved facility. The facilities to be utilized are:

a. JFJ Land farm, Permit NM-01-010(B) (Solids and Sludge)
b. Basin Disposal, Permit NM-01-0005 (Liquids)
c. Envirotech Inc Soil Remediation Facility, Permit NM-01-0011 (Solids and Sludge)
d. Simcoe, LLC Operated 13 GCU SWD # 1, API 30-045-28601 (Liquids)
e. Simcoe, LLC Operated GCU 259 SWD, API 30-045-20006 (Liquids)
f. Simcoe, LLC Operated GCU 306 SWD, API30-045-24286 (Liquids)
g. Simcoe, LLC Operated GCU 307 SWD, API30-045-24248 (Liquids)
h. Simcoe, LLC Operated GCU 328 SWD, API 30-045-24735 (Liquids)
i. Simcoe, LLC Operated Pritchard SWD #1, API 30-045-28351 (Liquids)

All liquids and/or sludge within the BGT were removed and sent to one of the above NMOCD approved facilities for disposal.

4. Simcoe, LLC shall remove the BGT and dispose of it in a NMOCD approved facility or recycle, reuse, or reclaim it in a manner that the NMOCD approves. If a liner is present and must be disposed of it will be cleaned by scraping any soils or other attached materials on the liner to a de minimus amount and disposed at a permitted solid waste facility, pursuant to Subparagraph (m) of Paragraph (1) of Subsection C of 19.15.35.8 NMAC. Documentation as to the final disposition of the removed BGT will be provided in the final closure report.
The BGT was transported for reuse.

5. Simcoe, LLC shall remove any on-site equipment associated with a BGT unless the equipment is required for well production.
All equipment associated with the BGT has been removed.

6. Simcoe, LLC shall sample the soils beneath the BGT to determine whether a release has occurred. Simcoe, LLC shall collect at a minimum: a five (5) point composite sample and individual grab samples from any area that is wet, discolored or showing other evidence of a release and analyze for BTEX, TPH, and chlorides. The testing methods for those constituents are as follows.

Constituents	Testing Method	Closure Criteria (mg/kg)	5PC-TB@5'(95) Results (mg/kg)
Chloride	US EPA Method 300.0	20,000	12.2
TPH	US EPA Method SW-846 418.1	2,500	13.0
GRO + DRO	US EPA Method SW-846 8015M	1,000	13.0
Total BTEX	US EPA Method SW-846 8021B or 8260B	50	1.54
Benzene	US EPA Method SW-846 8021B or 8260B	10	ND

Notes: mg/kg- milligram per kilogram; GRO- gasoline range organics; DRO- diesel range organics; TPH- total petroleum hydrocarbons; BTEX- benzene, toluene, ethylbenzene, and total xylenes; ND- analyte not detected. Other EPA methods that the division approves may be applied to all constituents listed. Chloride closure standards will be determined by whichever concentration level is greatest.
Soils beneath the BGT were for sampled TPH, BTEX, and chloride per the above requirements. Stained and discolored soil was observed below the BGT. Stained soils were included in the soil sample. TPH, BTEX, and chloride were all detected above the laboratory detection limit but below the NMOCD standard/closure criteria.

7. Simcoe, LLC shall notify the division District III office of its results on form C-141.
Form C-141 is attached.

8. If it is found that a release has occurred, then Simcoe, LLC will comply with 19.15.30 NMAC and 19.15.29 NMAC, as appropriate.
Evidence of a release based on soil staining/odor, however sample results indicate that concentrations of TPH, BTEX, and chloride were below the NMOCD standards/closure criteria.

9. If the sampling demonstrates that a release has not occurred or that any release does not exceed the concentrations specified above, then Simcoe, LLC shall backfill the excavation, with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover, re-contour and re-vegetate the location. The location will be reclaimed if it is not with in the active process area.
Release did not exceed the concentrations specified above. Additional stained soils were removed and hauled to an approved disposal facility. Excavation backfilled with clean imported material.

10. Simcoe, LLC shall reclaim the BGT location, and all areas associated with the BGT including associated access roads to a safe and stable condition that blends with the surrounding undisturbed area.

Simcoe, LLC shall substantially restore the impacted surface area to the condition that existed prior to oil and gas operations by placement of the soil cover as provided in Subsection H of 19.15.17.13 NMAC, re-contour the location and associated areas to a contour that approximates the original contour and blends with the surrounding topography and re- vegetate according to Subsection I of 19.15.17.13 NMAC. 11. The soil cover for closures where the BGT has been removed or remediated to the NMOCD's satisfaction shall consist of the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.

Area backfilled / regraded. No reclamation to be done at this time as former BGT location is located on well pad within area needed for production operations or subsequent drilling.

12. Simcoe, LLC shall seed the disturbed area the first growing season after closure of the BGT. Seeding will be conducted by drilling on the contour whenever practical or by other division-approved methods. Vegetative cover will be, at a minimum, 70% of the native perennial vegetative cover (un-affected by overgrazing, fire or other intrusion damaging to native vegetation), consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintenance of that cover through two successive growing seasons. During the two growing seasons that prove viability, there shall be no artificial irrigation of the vegetation.

Area backfilled / regraded. No reclamation to be done at this time as former BGT location is located on well pad within area needed for production operations or subsequent drilling.

13. Simcoe, LLC shall seed, plant and re-seed pursuant to Paragraph (3) of Subsection I of 19.15.17.13 NMAC, until the location successfully achieves the required vegetative cover.

Area backfilled / regraded. No reclamation to be done at this time as former BGT location is located on well pad within area needed for production operations or subsequent drilling.

14. Pursuant to Paragraph (5) of Subsection I of 19.15.17.13 NMAC, Simcoe, LLC shall notify the NMOCD when it has seeded or planted and when it successfully achieves revegetation.

Area backfilled / regraded. No reclamation to be done at this time as former BGT location is located on well pad within area needed for production operations or subsequent drilling.

15. Within 60 days of closure completion, Simcoe, LLC shall submit a closure report on NMOCD's form C-144, and will include the following:

a. proof of closure notification (surface owner and NMOCD),
b. sampling analytical reports: information required by 19.15.17 NMAC,
c. disposal facility name and permit number,
d. details on back-filling, capping, covering; and, where applicable, re-vegetation application rates and seeding techniques; and,
e. site reclamation, photo documentation, disposal facility name, and permit number

Closure report on Form C-144 is included and contains a photo of the location.

16. Simcoe, LLC shall certify that all information in the report and attachments is accurate, truthful, and compliant with all applicable closure requirements and conditions specified in the approved closure plan.

Certification section of Form C-144 has been completed.

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report
03/08/2022

Well Name: ROELOFS LS	**Well Location:** T29N / R8W / SEC 15 / SWSE / 36.72047 / -107.66013	**County or Parish/State:** SAN JUAN / NM
Well Number: 5	**Type of Well:** CONVENTIONAL GAS WELL	**Allottee or Tribe Name:**
Lease Number: NMSF078415	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number: 3004521031	**Well Status:** Producing Gas Well	**Operator:** SIMCOE LLC

Notice of Intent

Sundry ID: 2660631

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 03/08/2022

Time Sundry Submitted: 07:18

Date proposed operation will begin: 03/23/2022

Procedure Description: Notice of Intent to close Below Grade Tank (BGT) on subject well. Work will begin on March 23, 2022 @ 1:30 pm. Closure will be performed per the BGT registration with the NMOCD Closure Plan.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

2022.03.07_Roelofs_LS_005_BGT_Aerial_Map_for_BLM_Sundry_20220308071820.pdf

Well Name: ROELOFS LS	**Well Location:** T29N / R8W / SEC 15 / SWSE / 36.72047 / -107.66013	**County or Parish/State:** SAN JUAN / NM
Well Number: 5	**Type of Well:** CONVENTIONAL GAS WELL	**Allottee or Tribe Name:**
Lease Number: NMSF078415	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number: 3004521031	**Well Status:** Producing Gas Well	**Operator:** SIMCOE LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: SABRE BEEBE

Signed on: MAR 08, 2022 07:18 AM

Name: SIMCOE LLC

Title: Compliance Specialist

Street Address: 1199 MAIN AVENUE SUITE 101

City: DURANGO **State:** CO

Phone: (970) 769-9523

Email address: SABRE.BEEBE@IKAVENERGY.COM

Field Representative

Representative Name:

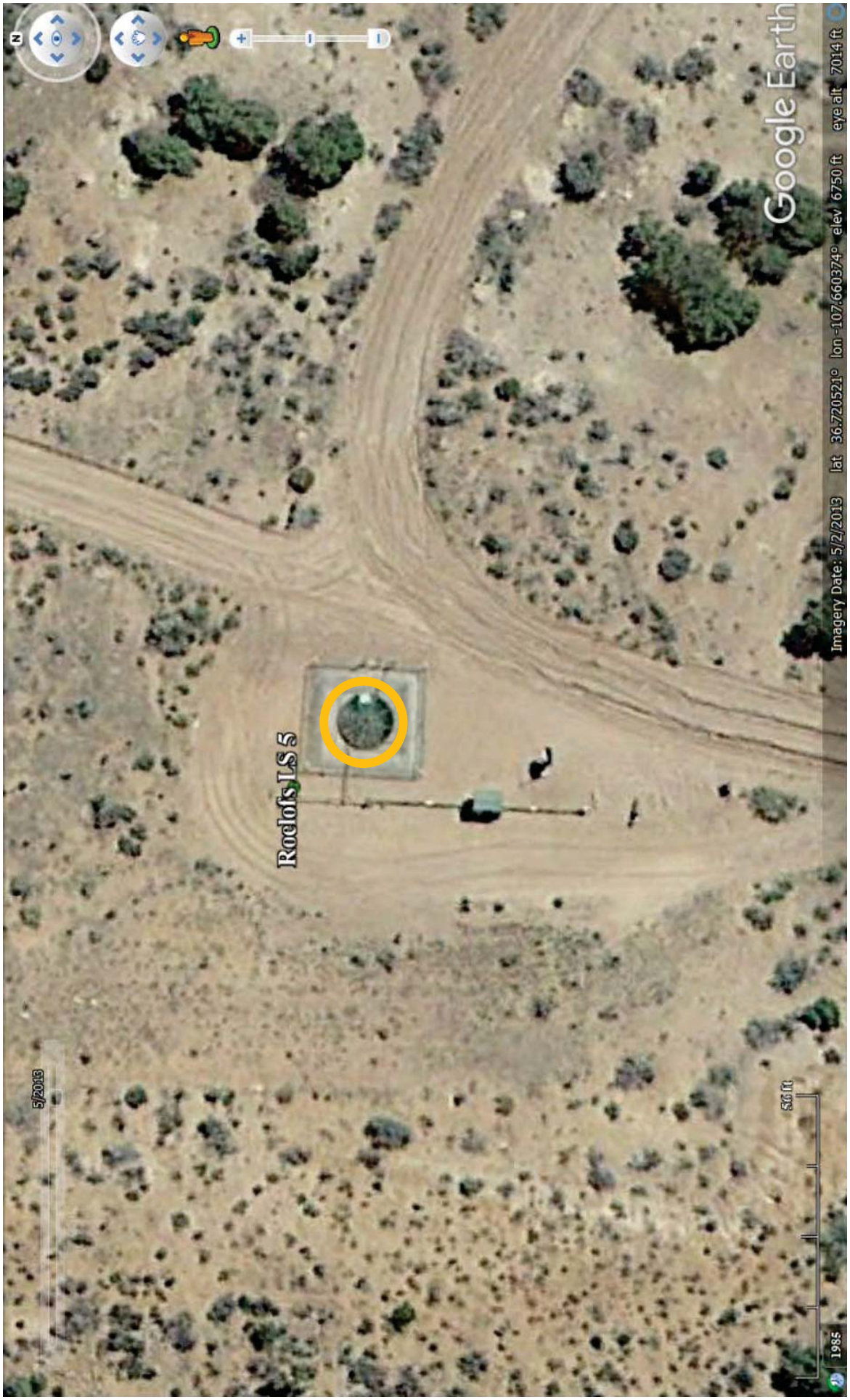
Street Address:

City: **State:** **Zip:**

Phone:

Email address:

Roelofs LS 005 API# 30-045-21031 BGT Closure map 36.720556, -107.660393 Scheduled for closure on 3/23/2022 @ 1:30 PM



Emma Millar

From: Sabre Beebe <sabre.beebe@ikavenergy.com>
Sent: March 16, 2022 2:11 PM
To: ocd.enviro@state.nm.us; victoria.venegas@state.nm.us
Cc: Julie Best; Jonathan Divine; Don Buller
Subject: SIMCOE, LLC Roelofs LS 005 Below Grade Tank (BGT) Closure

SENT VIA E-MAIL

March 16, 2022

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

RE: Notice of Proposed Below-Grade Tank (BGT) Closure

Well Name: Roelofs LS 005
API#: 30-045-21031
O-15-29N-08W
San Juan County, NM

To Whom It May Concern:

With regards to the captioned subject well and requirements of the NMOCD Pit Rule 19.15.17.13, this letter is notification that SIMCOE LLC is planning to close a 95 bbl BGT that will no longer be operational at the above well site. We anticipate this work to start on or around March 23, 2022 at 1:30 PM.

Should you have any questions, please feel free to contact SIMCOE LLC.

Sincerely,

Sabre Beebe

IKAV Energy Inc.
Sabre Beebe
Field Environmental Coordinator
Office: (970) 852-5172
Mobile: (970)-769-9523
E-Mail: sabre.beebe@ikavenergy.com

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party SIMCOE, LLC	OGRID 329736
Contact Name Sabre Beebe	Contact Telephone (970) 852-5172
Contact email sabre.beebe@ikavenergy.com	Incident # *(assigned by OCD)*
Contact mailing address 1199 Main Ave., Suite 101 Durango, CO 81301	

Location of Release Source

Latitude 36.72055182 Longitude -107.66038
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Roelofs LS #005	Site Type Natural Gas Well
Date Release Discovered 3/23/2022	API# *(if applicable)* 30-045-21031

Unit Letter	Section	Township	Range	County
O	15	29N	8W	San Juan

Surface Owner: ☐ State ■ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Cause of release unknown. Stained soils with hydrocarbon odor observed, but sampling of stained soils indicated that TPH, BTEX, and chloride were all detected below the NMOCD standards and closure criteria standards.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ■ No	If YES, for what reason(s) does the responsible party consider this a major release?

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Not required.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- ☐ The source of the release has been stopped.
- ☐ The impacted area has been secured to protect human health and the environment.
- ☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Julie Best
Title: HSE and Measurement Manager

Signature: Julie Best
Date: 5/3/2022

email: julie.best@ikavenergy.com
Telephone: (970) 828-4060

OCD Only

Received by: _____ Date: _____

CLIENT: Simcoe

COTTONWOOD CONSULTING LLC
P.O. BOX 1653, DURANGO, COLO. 81303
(970) 764-7356

API #: 30 045 21031
TANK ID (if applicble): A

FIELD REPORT:

(circle one): BGT CONFIRMATION / RELEASE INVESTIGATION / OTHER:

PAGE #: 1 of 1

SITE INFORMATION:

SITE NAME: Roelofs LS 005
DATE STARTED: 3/23/22
DATE FINISHED: 3/23/22
QUAD/UNIT: O SEC: 15 TWP: 29N RNG: 8W PM: NM CNTY: San Juan ST: NM
1/4 -1/4/FOOTAGE: 850 FSL 1850 FEL LEASE TYPE: (FEDERAL) / STATE / FEE / INDIAN
LEASE #: SF-078415 PROD. FORMATION: PC CONTACT CONTRACTOR: Kelley Oilfield
ENVIRONMENTAL SPECIALIST(S): KS

REFERENCE POINT:

WELL HEAD (W.H.) GPS COORD.: 36.7205979, -107.660423 GL ELEV.: 6750

1) 95 bbl BGT	GPS COORD.: 36.7205518, -107.66038	DISTANCE/BEARING FROM P&A: -
2)	GPS COORD.:	DISTANCE/BEARING FROM P&A:
3)	GPS COORD.:	DISTANCE/BEARING FROM P&A:
4)	GPS COORD.:	DISTANCE/BEARING FROM P&A:

SAMPLING DATA:

CHAIN OF CUSTODY RECORD(S) # OR LAB USED: GAL

	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	LAB ANALYSIS	OVM READING (ppm)
1)	SPC-TB@5'(95)	3/23/22	1340	BTEX/TPH/Chloride	785
2)					
3)					
4)					
5)					

SOIL DESCRIPTION:

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER
SOIL COLOR: Dark grey
COHESION (ALL OTHERS): NON COHESIVE / (SLIGHTLY COHESIVE) / COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE
MOISTURE: DRY / SLIGHTLY MOIST / (MOIST) / WET / SATURATED / SUPER SATURATED
SAMPLE TYPE: GRAB / (COMPOSITE) # OF PTS. 5
DISCOLORATION/STAINING OBSERVED: (YES) / NO EXPLANATION - dark grey PHC staining
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD
HC ODOR DETECTED: (YES) NO EXPLANATION - PHC odor
ANY AREAS DISPLAYING WETNESS: YES / (NO) EXPLANATION -

SITE OBSERVATIONS:

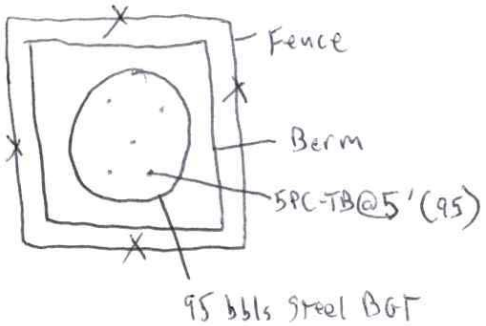
LOST INTEGRITY OF EQUIPMENT: YES / NO EXPLANATION - Unknown
APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED (YES) / NO EXPLANATION: PHC odor and stain beneath BGT footprint to bedrock
EQUIPMENT SET OVER RECLAIMED AREA: YES (NO) EXPLANATION -
OTHER:

EXCAVATION DIMENSION ESTIMATION: NA ft. X ft. X ft. EXCAVATION ESTIMATION (Cubic Yards) :
DEPTH TO GROUNDWATER: 7100' NEAREST WATER SOURCE: NEAREST SURFACE WATER: NMOCD TPH CLOSURE STD: 2500 ppm

SITE SKETCH

BGT Located : off / (on) site PLOT PLAN circle: attached

Roelofs LS 005 Wellhead



OVM CALIB. READ. = 100 ppm RF = 1.00
OVM CALIB. GAS = 100 ppm
TIME: 0930 am/pm DATE: 3/23/22

MISCELL. NOTES

Permit date(s):
OCD Appr. date(s):

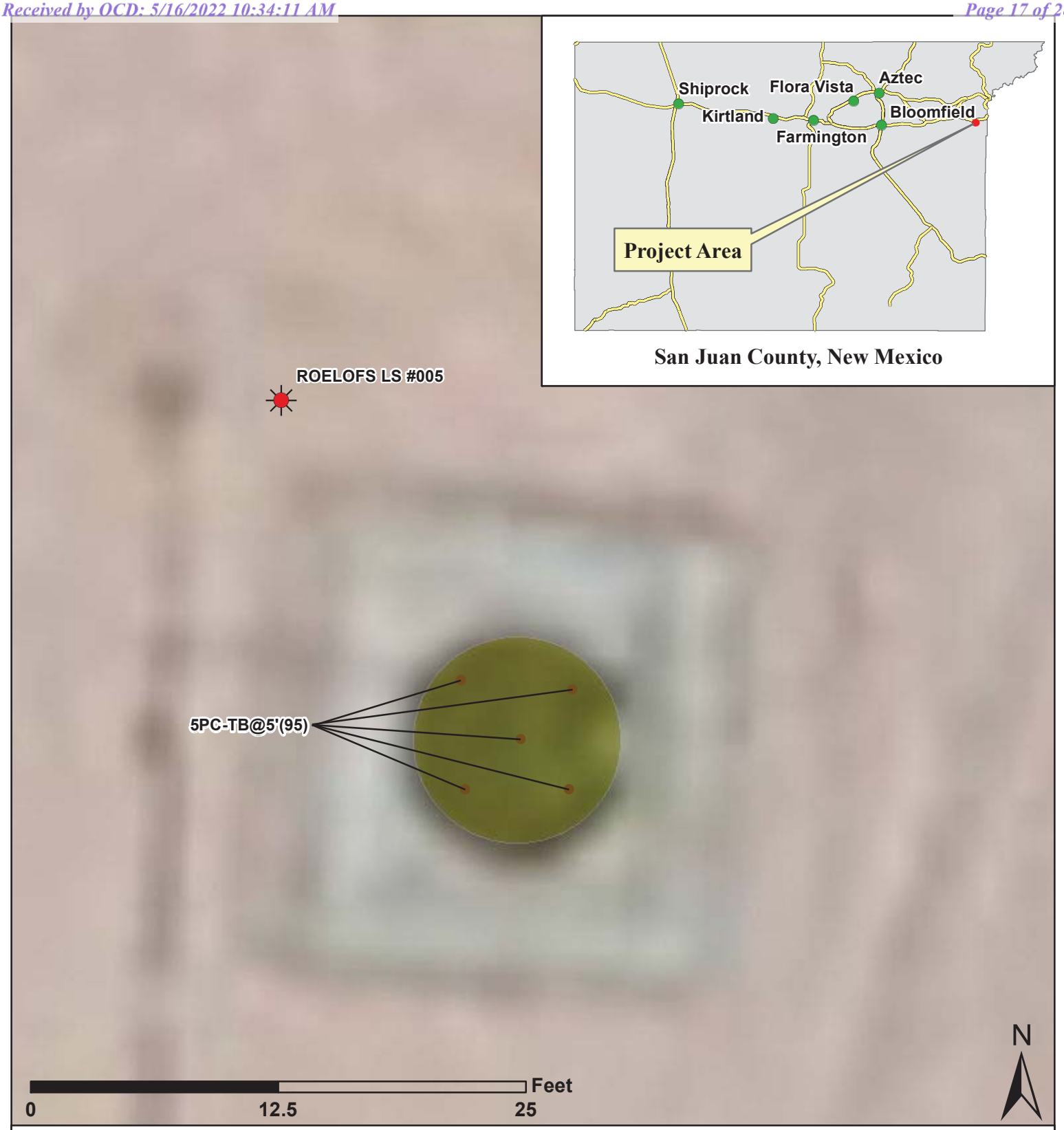
Tank ID	OVM = Organic Vapor Meter ppm = parts per million
A	BGT Sidewalls Visible: Y / (N)
	BGT Sidewalls Visible: Y / N
	BGT Sidewalls Visible: Y / N

Magnetic declination:

NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; BG = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~ = APPROX.; W.H. = WELL HEAD; T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINING WALL; NA - NOT APPLICABLE OR NOT AVAILABLE; SW - SINGLE WALL; DW - DOUBLE WALL; SB - SINGLE BOTTOM; DB - DOUBLE BOTTOM.

NOTES: ONSITE:

BEI1005E-6.SKF



Notes: Sample collected 3/23/2022. Sample 5PC-TB@5'(95) is a five-point composite sample.

Legend

- Soil Sample
- Approximate Former BGT Location
- Oil & Gas Well

Cottonwood CONSULTING

Mapping by: E. Millar, 3/29/2022
Coordinate System:
NAD 1983 UTM Zone 13 N

Location: Sec 15 T29N R8W NMPM

Roelofs LS #005
Project Map
Simcoe LLC

75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
970.247.4227 Fax
www.greenanalytical.com

25 March 2022

Kyle Siesser
Cottonwood Consulting
PO Box 1653
Durango, CO 81302

RE: BTEX/TPH, Cl

Enclosed are the results of analyses for samples received by the laboratory on 03/23/22 16:02. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

Debbie Zufelt
Reports Manager

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at http://greenanalytical.com/certifications/

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: T104704514-22-13

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: T104704398-21-14

dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX/TPH, Cl	
PO Box 1653	Project Name / Number: Roelofs LS 005	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/25/22 15:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
5PC-TB@5'(95)	2203216-01	Solid	03/23/22 13:40	03/23/22 16:02	

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

GREEN Analytical Laboratories

dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX/TPH, Cl	
PO Box 1653	Project Name / Number: Roelofs LS 005	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/25/22 15:05

5PC-TB@5'(95)

2203216-01 (Soil)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
% Dry Solids	**83.0**			%	1	03/23/22 16:35	EPA160.3/1684		VJW
Soluble (DI Water Extraction)									
Chloride	**12.2**	12.0	0.366	mg/kg dry	10	03/25/22 10:58	EPA300.0		AES

Subcontracted -- **Cardinal Laboratories 101 East Marland Hobbs, NM 88240**

Volatile Organic Compounds by EPA Method 8021									
Benzene*	<0.050	0.050	0.004	mg/kg	50	03/24/22 13:59	8021B		MS
Toluene*	<0.050	0.050	0.006	mg/kg	50	03/24/22 13:59	8021B	GC-NC	MS
Ethylbenzene*	<0.050	0.050	0.006	mg/kg	50	03/24/22 13:59	8021B		MS
Total Xylenes*	**1.54**	0.150	0.014	mg/kg	50	03/24/22 13:59	8021B	GC-NC1	MS
Total BTEX	**1.54**	0.300	0.030	mg/kg	50	03/24/22 13:59	8021B		MS
Surrogate: 4-Bromofluorobenzene (PID)			*122 %*	*69.9-140*		*03/24/22 13:59*	*8021B*		MS
Petroleum Hydrocarbons by GC FID									
GRO C6-C10*	**13.0**	10.0	6.25	mg/kg	1	03/24/22 21:40	8015B		MS
DRO >C10-C28*	<10.0	10.0	4.26	mg/kg	1	03/24/22 21:40	8015B		MS
EXT DRO >C28-C36	<10.0	10.0	4.26	mg/kg	1	03/24/22 21:40	8015B		MS
Surrogate: 1-Chlorooctane			*100 %*	*66.9-136*		*03/24/22 21:40*	*8015B*		MS
Surrogate: 1-Chlorooctadecane			*103 %*	*59.5-142*		*03/24/22 21:40*	*8015B*		MS

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

GREEN Analytical Laboratories

dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX/TPH, Cl	
PO Box 1653	Project Name / Number: Roelofs LS 005	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/25/22 15:05

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B220765 - General Prep - Wet Chem										
Duplicate (B220765-DUP1)		**Source: 2203190-01**		Prepared & Analyzed: 03/23/22						
% Dry Solids	93.6		%		93.7			0.0574	20	

Soluble (DI Water Extraction) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B220767 - IC- Ion Chromatograph										
Blank (B220767-BLK1)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	ND	10.0	mg/kg wet							
LCS (B220767-BS1)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	244	10.0	mg/kg wet	250		97.7	85-115			
LCS Dup (B220767-BSD1)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	244	10.0	mg/kg wet	250		97.5	85-115	0.135	20	

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

GREEN Analytical Laboratories

dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

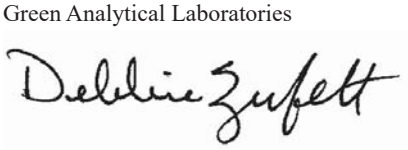
www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX/TPH, Cl	
PO Box 1653	Project Name / Number: Roelofs LS 005	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/25/22 15:05

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2032402 - Volatiles										
Blank (2032402-BLK1)			Prepared & Analyzed: 03/24/22							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0513*		mg/kg	*0.0500*		*103*	*69.9-140*			
Benzene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
LCS (2032402-BS1)			Prepared & Analyzed: 03/24/22							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0503*		mg/kg	*0.0500*		*101*	*69.9-140*			
Benzene	1.84	0.050	mg/kg	2.00		91.9	83.4-122			
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.4	84.2-121			
m,p-Xylene	4.12	0.100	mg/kg	4.00		103	89.9-126			
o-Xylene	1.99	0.050	mg/kg	2.00		99.7	84.3-123			
Toluene	1.99	0.050	mg/kg	2.00		99.5	84.2-126			
Total Xylenes	6.12	0.150	mg/kg	6.00		102	89.1-124			
LCS Dup (2032402-BSD1)			Prepared & Analyzed: 03/24/22							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0506*		mg/kg	*0.0500*		*101*	*69.9-140*			
Benzene	1.87	0.050	mg/kg	2.00		93.7	83.4-122	1.94	12.6	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	84.2-121	2.47	13.9	
m,p-Xylene	4.24	0.100	mg/kg	4.00		106	89.9-126	2.87	13.6	
o-Xylene	2.04	0.050	mg/kg	2.00		102	84.3-123	2.11	14.1	
Toluene	2.03	0.050	mg/kg	2.00		102	84.2-126	2.16	13.3	
Total Xylenes	6.28	0.150	mg/kg	6.00		105	89.1-124	2.62	13.4	

Green Analytical Laboratories



Debbie Zufelt, Reports Manager

GREEN Analytical Laboratories

dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX/TPH, Cl	
PO Box 1653	Project Name / Number: Roelofs LS 005	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/25/22 15:05

Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2032425 - General Prep - Organics										
Blank (2032425-BLK1)				Prepared & Analyzed: 03/24/22						
Surrogate: 1-Chlorooctadecane	*51.9*		mg/kg	*50.0*		*104*	*59.5-142*			
Surrogate: 1-Chlorooctane	*51.0*		mg/kg	*50.0*		*102*	*66.9-136*			
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
GRO C6-C10	ND	10.0	mg/kg							
LCS (2032425-BS1)				Prepared & Analyzed: 03/24/22						
Surrogate: 1-Chlorooctadecane	*52.8*		mg/kg	*50.0*		*106*	*59.5-142*			
Surrogate: 1-Chlorooctane	*53.3*		mg/kg	*50.0*		*107*	*66.9-136*			
DRO >C10-C28	226	10.0	mg/kg	200		113	77-136			
GRO C6-C10	214	10.0	mg/kg	200		107	79.1-128			
Total TPH C6-C28	440	10.0	mg/kg	400		110	82.9-127			
LCS Dup (2032425-BSD1)				Prepared & Analyzed: 03/24/22						
Surrogate: 1-Chlorooctadecane	*56.1*		mg/kg	*50.0*		*112*	*59.5-142*			
Surrogate: 1-Chlorooctane	*56.5*		mg/kg	*50.0*		*113*	*66.9-136*			
DRO >C10-C28	223	10.0	mg/kg	200		112	77-136	1.20	17.9	
GRO C6-C10	222	10.0	mg/kg	200		111	79.1-128	3.96	21.4	
Total TPH C6-C28	446	10.0	mg/kg	400		111	82.9-127	1.34	17.6	

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

Green Analytical Laboratories
dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303
www.GreenAnalytical.com

Cottonwood Consulting	Project: BTEX/TPH, Cl	
PO Box 1653	Project Name / Number: Roelofs LS 005	**Reported:**
Durango CO, 81302	Project Manager: Kyle Siesser	03/25/22 15:05

Notes and Definitions

GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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
	*Results reported on as received basis unless designated as dry.
RPD	Relative Percent Difference
LCS	Laboratory Control Sample (Blank Spike)
RL	Report Limit
MDL	Method Detection Limit

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

GAL Analytical Laboratories
(970) 247-4220
Fax: (970) 247-4227
service@greenanalytical.com or dzufelt@greenanalytical.com
75 Suttle St Durango, CO 81303

Company Name: Cottonwood Consulting LLC	Bill to (if different):
Project Manager: Kyle Siesser	P.O. #:
Address: PO Box 1653	Company:
City: Durango **State:** CO **Zip:** 81302	Attn:
Phone #: 970-764-7356 **Email:** ksiesser@cottonwoodconsulting.com	Address:
Additional Report To:	City:
Project Name: Roelofs LS 005	State: Zip:
Project Number:	Phone #:
Sampler Name (Print): Kyle Siesser	Fax or Email:

FOR LAB USE ONLY Lab I.D.	Sample Name or Location	Collected Date	Collected Time	Matrix (check one): GROUNDWATER	SURFACEWATER	WASTEWATER	PRODUCEDWATER	SOIL	OTHER :	# of containers: No preservation (general)	HNO_3	HCl	H_2SO_4	Other:	Other:	ANALYSIS REQUEST: BTEX	TPH	Chloride (300.0)
2203216-01	SPC-TB@5'(95)	3/23/22	1340					X		3						X	X	X

PLEASE NOTE: GAL's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by GAL within 30 days after completion. In no event shall GAL be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by GAL, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [signature]	**Date:** 3/23/22 **Time:** 1602	Received By: Linda Stumpf
Relinquished By:	Date: Time:	Received By:
Relinquished By:	Date: Time:	Received By:

Delivered By: (Circle One)
(Sampler) UPS - FedEx - Kangaroo - Other:

Temperature at reciept: 10.3

CHECKED BY: [signature]

ADDITIONAL REMARKS: Report to State? (Circle) Yes (No)

Rush ASAP
on Ace Fasel #2

† GAL cannot always accept verbal changes. Please fax or email written change requests.
* Chain of Custody must be signed in "Reliquished By:" as an acceptance of services and all applicable charges.

Cottonwood CONSULTING

Roelofs LS #005
Photographic Log
Simcoe LLC

Photo 1: Roelofs LS #005 well sign, 3/23/2022.

Photo 2: 95 bbls steel tank prior to removal, 3/23/2022.

Cottonwood CONSULTING

Roelofs LS #005
Photographic Log
Simcoe LLC

Photo 3: Former location of BGT following removal, 3/23/2022.

Photo 4: Former location of BGT following removal and re-grading, 3/23/2022.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 106994
	Action Type: [C-144] Below Grade Tank Plan (C-144B)

CONDITIONS

Created By	Condition	Condition Date
jburdine	None	7/26/2022