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

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: Hilcorp Energy Company OGRID #: 372171
Address: 382 Road 3100 Aztec, NM 87410
Facility or well name: BURROUGHS COM C 5
API Number: 3004511814 OCD Permit Number:
U/L or Qtr/Qtr G Section 2 Township 27N Range 9W County: San Juan
Center of Proposed Design: Latitude 36.606535 Longitude -107.753963 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
Volume: 120 bbl Type of fluid: Produced Water
Tank Construction material: Metal
☐ Secondary containment with leak detection ☒ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other _____
Liner type: Thickness _____mil ☐ HDPE ☐ PVC ☒ Other Unspecified

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

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

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 (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Joel Stone **Approval Date:** 11/19/2025

Title: Senior Environmental Scientist **OCD Permit Number:** ycon1609612952

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: 11/04/2025**

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 _____ Longitude _____ 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): Tammy Jones Title: Operations/Regulatory Technician – Sr

Signature: Tammy Jones Date: 11/13/2025

e-mail address: tajones@hilcorp.com Telephone: (505) 324-5185

Hilcorp Energy Company
San Juan Basin: New Mexico Assets
Below Grade Tank Closure Report

Lease Name: Burroughs Com C 5
API No.: 30-045-11814

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

General Plan Requirements:

1. Prior to initiating any BGT closure, except in the case of an emergency, HILCORP will notify the surface owner of the intent to close the BGT by certified mail no later than 72 hours or one week before closure and a copy of this notification will be included in the closure report. In the case of an emergency, the surface owner will be notified as soon as practical.

   The surface owner was notified by email of the closure process and the notification is attached.

2. Notice of closure will be given to the District Division office between 72 hours and one week of the scheduled closure via email or phone. The notification of closure will include the following:
   a. Operators Name
   b. Well Name and API Number
   c. Location

   Notification is attached.

3. All liquids will be removed from the BGT following cessation of operation. Produced water will be disposed of at one of HILCORP's approved Salt Water Disposal facilities or at a District Division approved facility.

   All recovered liquids were disposed of at an approved SWD facility or an approved District Division facility within 60 days of cessation of operation.

4. Solids and sludge's will be shoveled and/or vacuumed out for disposal at one of the District Division approved facilities, depending on the proximity of the BGT site: Envirotech Land Farm (Permit #NM-01-011), JFJ Land Farm % Industrial Ecosystems Inc. (Permit #NM-01-0010B), and Basin Disposal (Permit #NM-01-005).

   Any sludge or soil required to be removed to facilitate closure was transported to Envirotech Land Farm (Permit # NM-01-011) and/or JFJ Landfarm % IEI (Permit# NM-01-0010B).

5. HILCORP will obtain prior approval from District Division to dispose, recycle, reuse, or reclaim the BGT and provide documentation of the disposition of the BGT in the closure report. Steel materials will be recycled or reused as approved by the District Division. Fiberglass tanks will be empty, cut up or shredded, and EPA cleaned for disposal as solid waste. Liner materials will be cleaned without soils or contaminated material for disposal as solid waste. Fiberglass tanks and liner materials will meet the conditions of 19.15.35 NMAC. Disposal will be at a licensed disposal facility, presently San Juan County Landfill operated by Waste Management under NMED Permit SWM-052426.

   The below-grade tank was disposed of in a division-approved manner. The liner was cleaned per 19.15.35.8.C(1)(m) NMAC and disposed of at the San Juan County Regional Landfill located on CR 3100.

6. Any equipment associated with the BGT that is no longer required for some other purpose, following the closure, will be removed.

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

7. Following removal of the tank and any liner material, HILCORP will test the soils beneath the BGT as follows:
   a. At a minimum, a five-point composite sample will be taken to include any obvious stained or wet soils or any other evidence of contamination.
   b. The laboratory sample shall be analyzed for the constituents listed in Table I of 19.15.17.13.

   A five point composite sample was taken of the below-grade tank using sampling tools and all samples tested per Table I of 19.15.17.13 and the results are attached.

8. If the District Division and/or HILCORP determine there is a release, HILCORP will comply with 19.15.17.13.C.3b.

   A release was not determined for the above referenced well.

9. Upon completion of the tank removal, pursuant to 19.15.17.13.C.3c, if all contaminant concentrations are less than or equal to the parameters listed in Table I of 19.15.17.13 NMAC, the excavation will be backfilled with non-waste earthen material compacted and covered with a minimum of one foot top soil or background thickness whichever is greater and to existing grade. The surface will be re-contoured to match the native grade and to prevent ponding.

   The tank removal area passed all requirements of Table I of 19.15.17.13 NMAC and was backfilled with compacted, non-waste containing, earthen material which included at least one foot of suitable material to establish vegetation at the site.

10. For those portions of the former BGT area no longer required for production activities, HILCORP will seed the disturbed area the first favorable growing season after the BGT is covered. Seeding will be accomplished via drilling on the contour whenever practical, or by other District Division-approved methods. HILCORP will notify the District Division when reclamation and re-vegetation is complete.

    Reclamation of the BGT shall be considered complete when:
    - Vegetative cover reflects a life form ratio of +/- 50% of pre disturbance levels.
    - Total percent plant cover of at least 70% of pre-disturbance levels (Excluding noxious weeds) OR
    - Pursuant to 19.15.17.13.H.5d HILCORP will comply with obligations imposed by other applicable federal or tribal agencies in which there re-vegetation and reclamation requirements provide equal or better protection of fresh water, human health and the environment.

    Provision 10 will be accomplished pursuant to 19.15.17.H.5d and notification will be submitted upon completion.

11. For those portions of the former BGT area required for production activities, reseeding will be done at well abandonment, and following the procedure noted above.

    The former BGT area is required for production activities and reseeding will be completed upon plug and abandonment, per the procedure noted above.

Closure Report:
All closure activities will include proper documentation and will be submitted to OCD within 60 days of the BGT closure on a Closure Report using District Division Form C-144. The Report will include the following:

- Proof of Closure Notice (surface owner and District Division) **(Attached)**
- Backfilling & cover installation **(See Report)**
- Confirmation Sampling Analytical Results **(Attached)**
- Application Rate & Seeding techniques **(See Report)**
- Photo Documentation of Reclamation **(Attached)**

Tammy Jones

From: Tammy Jones
Sent: Monday, July 21, 2025 10:26 AM
To: April L. Elliott; Ben Mitchell; Brandon Sinclair; Bryan Hall; Chad Perkins; Clara Cardoza; Dale Crawford; eco@nmslo.gov; Elizabeth A. Bisbey-Kuehn; Farmington Regulatory Techs; 'Jeffrey.Harrison@emnrd.nm.gov'; 'joel.stone@emnrd.nm.gov'; Joey Becker; Kate Kaufman; 'Kennedy, Joseph, EMNRD'; Lisa Jones; Max Lopez; Mitch Killough; Patrick Hudman; Ramon Hancock; Tami C. Knight; Travis Munkres; 'Victoria Venegas; Mike Murphy; William Shuss
Subject: 72 hour BGT Closure Notice – BURROUGHS COM C 5 (API# 30-045-11814)
Attachments: 3004511814_BGTMod Permit.pdf

Subject: 72 Hour BGT Closure Notification

Anticipated Start Date: **Friday, 07/25/2025 at 12:30 PM MST**

The subject well has a below-grade tank that will be permanently removed. The BGT permit is attached. Please contact me if you have any questions or concerns.

Well Name: BURROUGHS COM C 5

API#: 30-045-11814

Location: Unit G (SWNE), Section 02, T27N, R09W

Footages: 1830' FNL & 1730' FEL

Operator: Hilcorp Energy **Surface Owner:** STATE

Reason: **Well has been P&A'd.**

****Please Note Required Photos for Closure****

- Well site placard
- Photos of the BGT prior to closure
- The sample location or, more preferred, photos of actual sample collection
- Final state of the area after closure.
- Photos will require captioning including direction of photo, date and time of photo and a description of the image contents.

Thanks,

Tammy Jones | HILCORP ENERGY COMPANY | San Juan Regulatory | 505.324.5185 | tajones@hilcorp.com

DIRECTION
201 deg(T)

36.60634°N
107.75444°W

ACCURACY 5 m
DATUM WGS84

Burroughs Com C
5

Dry Hole Marker

2025-07-25
12:28:45-06:00

DIRECTION
119 deg(T)

36.60664°N
107.75402°W

ACCURACY 4 m
DATUM WGS84

Burroughs Com C
5

Before Removal

2025-07-25
12:30:19-06:00


DIRECTION
165 deg(T)
36.60649°N
107.75398°W
ACCURACY 9 m
DATUM WGS84
Burroughs Com C
5
After Removal
2025-07-25
13:08:43-06:00


DIRECTION
118 deg(T)
36.60659°N
107.75400°W
ACCURACY 5 m
DATUM WGS84
Burroughs Com C
5
Sampling
2025-07-25
13:08:56-06:00

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 Hilcorp Energy Company	OGRID 372171
Contact Name Mitch Killough	Contact Telephone: (713) 757-5247
Contact email mkillough@hilcorp.com	Incident # *(assigned by OCD)*
Contact mailing address 382 Road 3100 Aztec NM 87410	

Location of Release Source

Latitude 36.60614 Longitude -107.754070
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Burroughs Com C 5	Site Type Gas Well
Date Release Discovered **N/A**	API# *(if applicable)* 30-045-11814

Unit Letter	Section	Township	Range	County
G	02	27N	09W	San Juan

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private

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

No release was encountered during the BGT Closure.

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? **N/A**

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: Mitch Killough Title: Environmental Specialist

Signature: Date: 9/25/2025

email: mkillough@hilcorp.com Telephone: (713-757-5247)

OCD Only

Received by: Date:

ENSOLUM

August 20, 2025

New Mexico State Land Office
310 Old Santa Fe Trail
Santa Fe, New Mexico, 87501

Re: Proposed Reclamation Plan
Burroughs COM C #005
San Juan County, New Mexico

To Whom It May Concern,

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), has prepared the following *Proposed Reclamation Plan* (*Reclamation Plan*) for the Burroughs COM C #005 well pad (Site). This *Reclamation Plan* documents the Site history and conditions and proposes reclamation and vegetation monitoring activities.

SITE INFORMATION

Operator: Hilcorp Energy Company (Hilcorp)

Well Name: Burroughs COM C #005

API Number: 30-045-11814

GPS Coordinates: 36.606205, -107.7546234

Location: Unit G, Section 02, Township 27N, Range 09W, San Juan County, New Mexico

Landowner: New Mexico State Land Office (NMSLO)

NMSLO Lease Number: E012000003

SITE HISTORY

- The Burroughs COM C #005 well was an oil and gas well that was drilled in October 1966 and was in production until June 2023.
- The well was plugged and abandoned on May 21, 2025, in accordance with the procedures provided in the approved Form C-103, *Sundry Notices and Reports on Wells*.
- A review of the New Mexico Oil Conservation Division (NMOCD) well records and available historical satellite imagery was completed.
    - One pit, a below ground tank (BGT), is recorded in the NMOCD well records. The BGT was removed on July 25, 2025, in accordance with the *BGT Closure Plan*, provided in the C-144 permit application, approved by the NMOCD on November 8, 2016 (Appendix A).

  - Laboratory analytical results indicated the composite soil sample collected from beneath the removed BGT was in compliance with the BGT Closure Criteria (Appendix B).
  - Permanent closure of the BGT is pending NMOCD review.
- No reportable releases were documented at the Site in the NMOCD well records.
- No surface staining was identified during a review of historical satellite imagery.
- A copy of the NMOCD Site summary is included in Appendix C.

SITE CONDITIONS

- A Site visit was conducted on August 8, 2025, to evaluate current Site conditions. Photographs from the Site visit are included in Appendix D and a Site location map showing access to the Site is attached as Figure 1.
  - The well pad is adjacent to an access road that leads to another active well pad to the east. A short access road associated with the Site splits off from the main access road southwest of the Site. The well pad and access road to be reclaimed are presented on Figure 2.
  - The well pad has a lower section where the access road leads down to the former BGT and meter run location, the well marker is located by the entrance to the access road, and the former above ground storage tank (AST) was located on a slightly higher area next to the active access road.
  - All equipment at the Site, except for the BGT cribbing, has been removed.
  - The plugged and abandoned well bore was marked with a steel well marker.
  - Gravel was imported to the Site for construction of berms around the BGT and AST.
  - The gravel berm from the AST has been stockpiled near the former AST footprint. The gravel berm and fencing around the removed BGT remain at the Site.
  - Old chicken wire and some broken concrete blocks were noted during the Site visit.
  - Minor oily surface soil staining (less than 5 square feet), likely related to recent drilling operations during plugging and abandonment activities, were noted within two areas at the Site. Staining did not exceed 1-inch in depth.
  - Isolated drilling mud or grout material was noted on the surface at one location.
  - Some areas of the reclamation area are revegetated.
  - No imported caliche or pad construction gravel (excluding the berm gravel) were present on the surface of the well pad.
  - No historical drilling pit was observed during the Site visit.
  - Erosional features were noted at the Site. A natural drainage is located south of the access road and drains to the valley floor.
  - The well pad is located near a sandstone cliff to the west and above the valley bottom. The surrounding topography is composed of sandstone cliff forming outcrops and hilly drainages.
  - Local vegetation consists of rabbitbrush, sage, and pinon-juniper. Weeds were not observed during the Site visit.

  - The surrounding land consists of native rangeland and is predominantly used as oil and gas operations and livestock grazing.

- The Natural Resources Conservation Service (NRCS) Web Soil Survey classifies the soil type at the Site as Rock Outcrop - Travessilla-Weska complex.

  Summary of Rock Outcrop:

  - Typical Profile
    - 0 to 60 inches: Bedrock
  - Properties
    - Slope: 30 to 70 percent slopes
    - Depth to restrictive feature: 0 inches to lithic bedrock
    - Runoff class: Very high

  Summary of Travessilla soils:

  - Typical Soil Profile
    - 0 to 1 inches: Sandy loam
    - 1 to 9 inches: Sandy loam
    - 9 to 20 inches: Bedrock
  - Properties
    - Slope: 30 to 40 percent slopes
    - Depth to restrictive feature: 5 to 20 inches to lithic bedrock
    - Drainage Class: Well drained
    - Runoff class: High

  Summary of Weska soils:

  - Typical Soil Profile
    - 0 to 1 inches: Silty clay loam
    - 1 to 7 inches: Clay loam
    - 7 to 20 inches: Bedrock
  - Properties
    - Slope: 30 to 40 percent slopes
    - Depth to restrictive feature: 5 to 20 inches to lithic bedrock
    - Drainage Class: Well drained
    - Runoff class: Very high

- Cultural and Biological Review:
  - The intent of the Site reclamation is to restore habitat and vegetation cover/composition to pre-disturbance conditions. Native vegetation outside of the well pad extent will not be disturbed during reclamation activities.
  - Reclamation activities are anticipated to remain in previously disturbed areas of the well pad. If any surface disturbing activities encroach into undisturbed areas, the Cultural Properties Protection (CPP) Rule will be followed.
  - A review of the U.S. Fish and Wildlife Services Information for Planning and Consultation (IPaC) resources indicated there are no critical wildlife habitats at the Site.
    - IPaC resources indicate a threatened bird species Yellow-billed Cuckoo, is potentially present in the area near the Site. In addition, IPaC resources indicate the threatened flowering plant species Mesa Verde Cactus is potentially present in the area near the Site.

- No native vegetation/habitat outside of the well pad extent will be disturbed during reclamation activities.
- If reclamation activities extend outside of the well pad extent, a biological survey will be completed to identify the presence or absence of such species and plan prior to any ground disturbance activities.

- The Site is located in an area with no potential karst occurrence.
- Reclamation activities are not expected to negatively impact sensitive receptors or sensitive soils.
- The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC) to determine the Site Closure Criteria at depths greater than 4 feet bgs. The results of the Site characterization are provided in Appendix E and Site receptors are identified on Figure 1.

RECLAMATION PLAN

- The well pad and access road area to be reclaimed is presented on Figure 2.
- The areas with established vegetation will be left undisturbed.
- The remaining gravel pile, BGT cribbing, gravel berm, and fencing will be removed from the Site.
- The chicken wire and concrete will be removed from the Site and disposed of.
- The drilling mud and/or grout material will be removed from the Site and disposed of.
- Reclamation activities will take place following approval of the BGT closure by the NMOCD.
  - Following approval of BGT closure, the BGT footprint will be backfilled with clean, locally procured soil, prior to beginning Site reclamation activities.
- The isolated stained surface soil will be removed by hand equipment and disposed of.
- The well pad and access road will be recontoured to generally match the surrounding topography. Any salvaged topsoil from well pad construction will be replaced across the well pad and access road and contoured for initial seedbed preparation.
- The well pad and access road will be ripped to alleviate compaction. Ripping will be completed to an approximate depth of 18 inches; however, due to potentially shallow bedrock at the Site, ripping depth will be reduced as needed to prevent bringing rocks to the surface. Soil will be ripped perpendicular to the water flow direction where slopes will remain.
- The surface soil will be prepared for seeding and the reclamation areas will be seeded.
  - Seeding will be completed within two weeks following completion of final seedbed preparation, if conditions are favorable. Alternatively, seeding will be completed the following spring/fall when temperatures and precipitation are the most conducive to vegetation growth.

- A certified noxious weed-free seed mix will be used, designed by the United States Bureau of Land Management (BLM) to meet reclamation standards for this region:

Common Name	Scientific Name	Drilled Application Rate (pounds/acre)
Indian Ricegrass	*Oryzopsis hymenoides*	3.0
Squirrel tail	*Elymus elymoides*	2.0
Western Wheatgrass	*Pascopyrum smithii*	2.0
Sand dropseed	*Sporobolus cryptandrus*	1.0
Winterfat	*Krascheninnikovia lanata*	0.5
Sagebrush	*Artemisia tridentata*	0.1

- The seed mix will be applied via drill seeding or broadcast seeding. If broadcast seeding is selected, the pure live seed (PLS) mix per acre will be doubled, and the seed will be raked in by chaining or dragging the Site.
- The seeded areas may be fenced, if warranted, to prevent livestock and wildlife from impacting vegetation establishment.
- Erosion control of the newly reclaimed areas will include prompt revegetation and contouring of the surface perpendicular to flow direction. Erosion mitigation will be used on the slope of the reclaimed access road and the slope between the former AST and BGT, to prevent concentrated surface water flow.
    - Wind rows will be constructed along the access road and the slope between the former AST and BGT, perpendicular to water flow, to limit concentrated surface flow. Approximate wind row locations and orientation are presented on Figure 2.
- Reclamation activities will be documented with photographs and will be timestamped with Global Positioning System (GPS) data in decimal degrees.

RECLAMATION MONITORING

- The Site will be monitored for vegetation growth to verify reclamation activities were successful. The focus for this phase will be to prevent erosion and Site degradation, and to monitor for and treat invasive and noxious weed species.
    - If the constructed wind rows are not effective, and additional erosion control management is necessary to support vegetation growth and minimize erosion until the root structures take hold, the following best management practices (BMPs) may be applied:
        - Placement of swales, water bars, or waddles in areas with a propensity for high run off rates;
        - Straw cover, if high winds are anticipated, to support moisture retention and limit wind from blowing seeds away before they have had time to germinate; and/or
        - Other erosional control BMPs as necessary to support timely and healthy regrowth of vegetation in disturbed areas.
    - Noxious and invasive weeds will be identified and treated by a licensed contracted herbicide applicator or mechanically removed.
- Semi-annual inspections (at a minimum) will take place at the location until vegetation has been established that reflects pre-disturbance vegetation cover with a total percent plant cover of greater than 70 percent of pre-disturbance levels, excluding invasive or noxious weeds.

- Upon completion of revegetation, a *Closure Report* documenting the vegetation assessment results will be submitted to the NMSLO for final inspection and release.

SCHEDULE OF IMPLEMENTATION

All Site activities are planned to be completed within 90 days of submission of this *Reclamation Plan*. The schedule will be amended as necessary pending approval of this *Reclamation Plan* by the NMSLO.

A follow-up *Reclamation Activities Report* will be submitted to the NMSLO upon completion of reclamation and seeding activities.

If you have any questions or comments, please contact Reece Hanson at (970) 210-9803 or rhanson@ensolum.com.

Sincerely,
Ensolum, LLC

Reece Hanson
Project Geologist

Stuart Hyde, PG (licensed in TX, WA, & WY)
Senior Managing Geologist

cc: Mitch Killough, Hilcorp

Appendices:

Figure 1	Site Location Map
Figure 2	Site Reclamation Area
Appendix A	Approved C-144 BGT Permit
Appendix B	Laboratory Analytical Report – BGT Removal
Appendix C	NMOCD Site Summary
Appendix D	Photographic Log
Appendix E	Site Characterization

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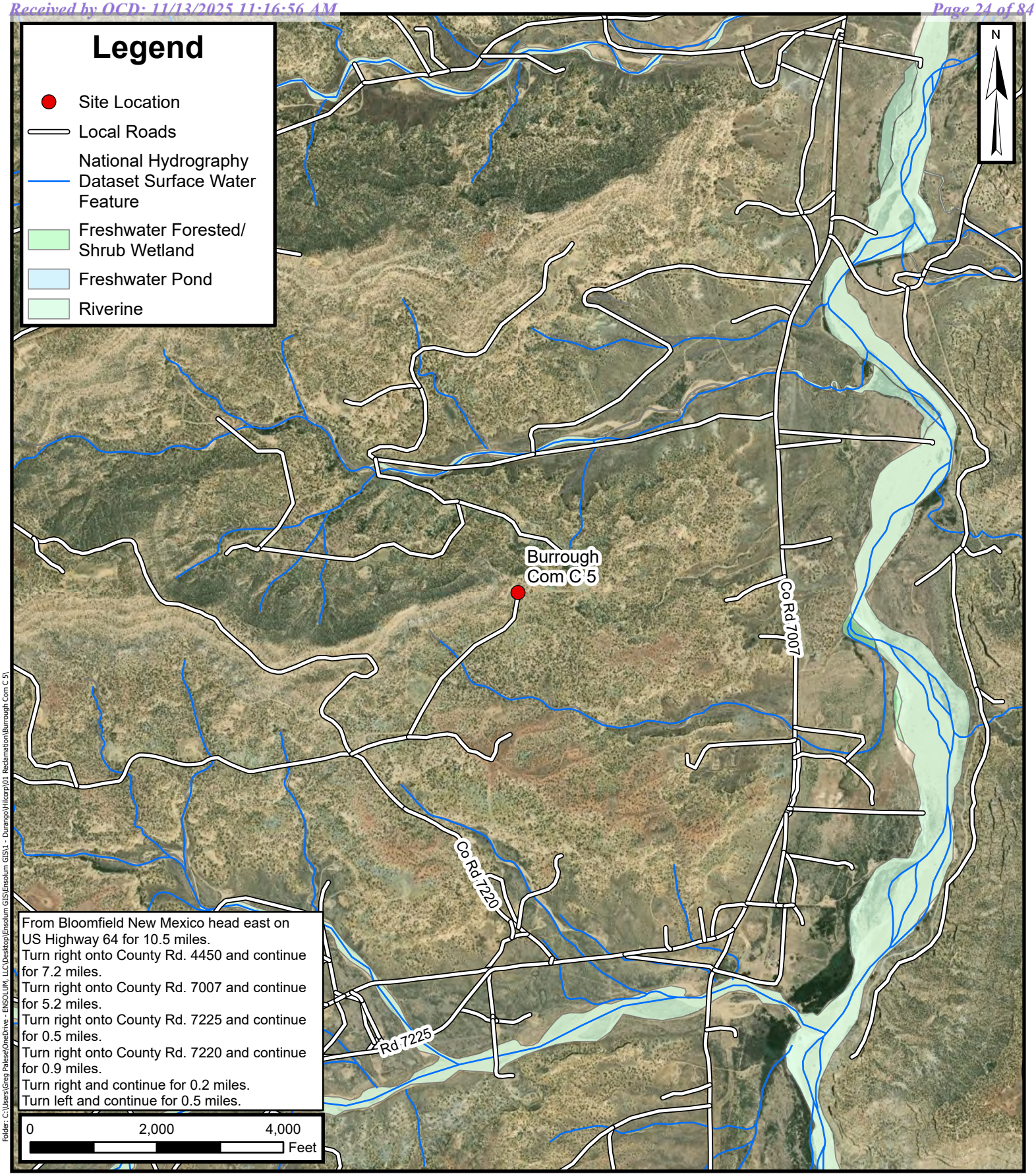
FIGURES



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ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Location Map

Burrough Com C #005
Hilcorp Energy Company

36.606205, -107.7546234
San Juan County, New Mexico

FIGURE
1

Sources: Environmental Systems Research Institute (ESRI), NM Office of the State Engineer (OSE), USGS, USFWS, Maxar

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Site Reclamation Area

Burrough Com C #005
Hilcorp Energy Company

36.606205, -107.7546234
San Juan County, New Mexico

FIGURE
2

Sources: Google Earth (2022)

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APPENDIX A

Approved C-144 BGT Permit

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

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

Form C-144
Revised June 6, 2013

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

RECEIVED
By kcollins at 8:50 am, Apr 05, 2016

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

15058

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: Burlington Resources Oil & Gas Company, LP OGRID # 14538
Address: P.O. Box 4289, Farmington, New Mexico 87499
Facility or well name: BURROUGHS COM C 5
API Number: 30-045-11814 OCD Permit Number:
U/L or Qtr/Qtr G (SWNE) Section 2 Township 27N Range 9W County: San Juan
Center of Proposed Design: Latitude 36.606535 °N Longitude -107.753963 °W NAD: 1927 ☐ 1983 ☒
Surface Owner: ☐ Federal ☒ State ☐ Private ☐ Tribal Trust or Indian Allotment

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

3.
☒ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: Max 120 bbl Type of fluid: Produced Water
Tank Construction material: Metal
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☒ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other
Liner type: Thickness mil ☐ HDPE ☐ PVC ☒ Other Unspecified

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

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

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): Crystal Walker Title: Regulatory Coordinator

Signature: Crystal Walker Date: 2/10/2016

e-mail address: crystal.walker@conocophillip.com Telephone: 505-326-9837

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

OCD Representative Signature: Vanessa Fields **Approval Date:** 11-08-2016

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

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

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

☐ **Closure Completion Date:**

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 Longitude 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): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

Burlington Resources Oil & Gas Company, LP
BGT Modification

Burlington is requesting to modify the below-grade tank permit for BURROUGHS COM C 5.

The below-grade tank was registered on 9/30/2004 as an existing below-grade tank with siting criteria provided. Burlington would like to modify the permit with latitude/longitude of the existing below-grade tank as well as the Design, Maintenance & Operating and Closure Plan.

The groundwater at the site was previously ranked for this site as:

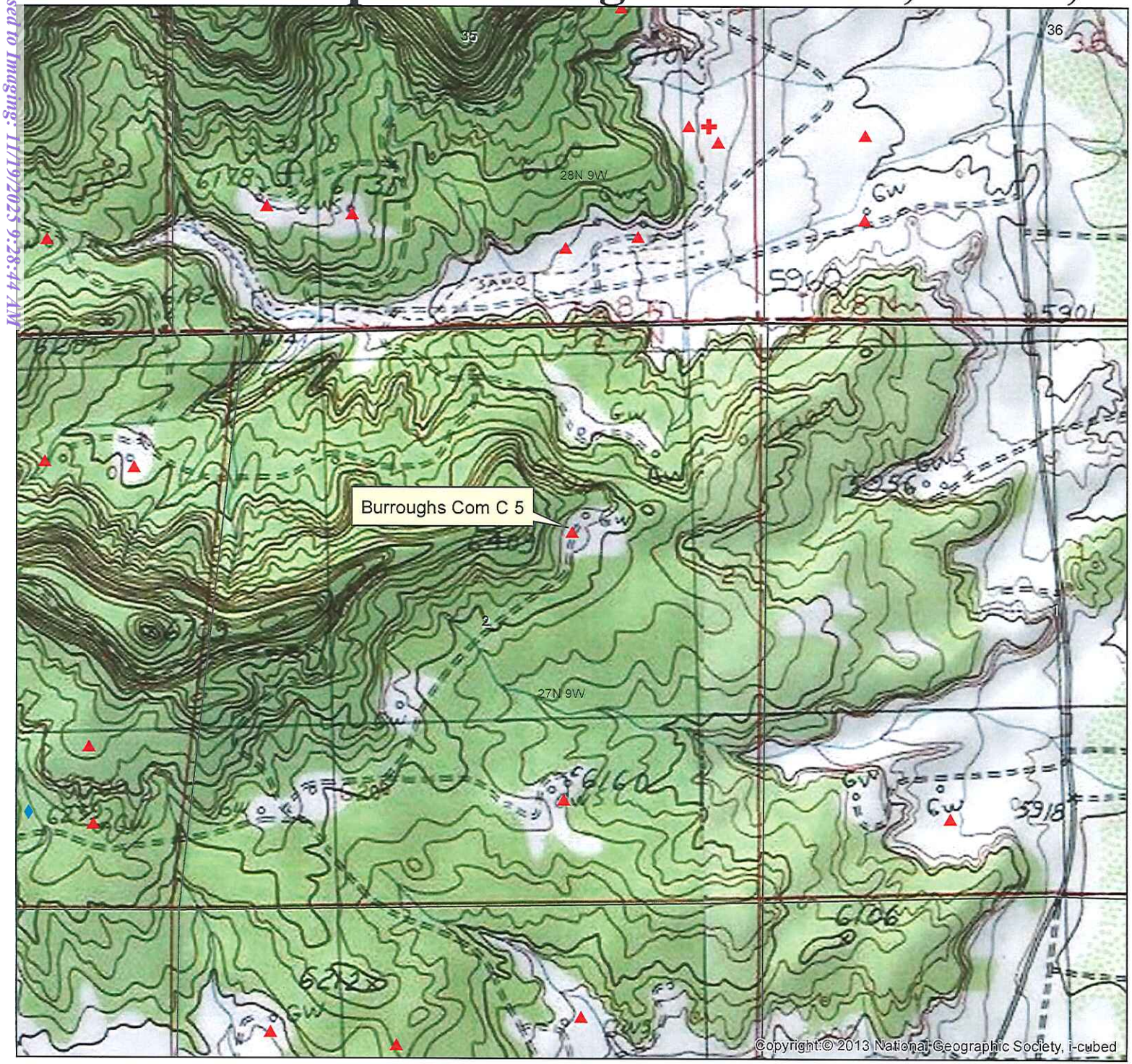
_____ < 50'

_____ 50' - 100'

__X__ > 100'

Topo and Aerial Maps are attached for verification.

TOPO Map - Burroughs Com C 5, Sec. 2, T27N, R9W



Legend

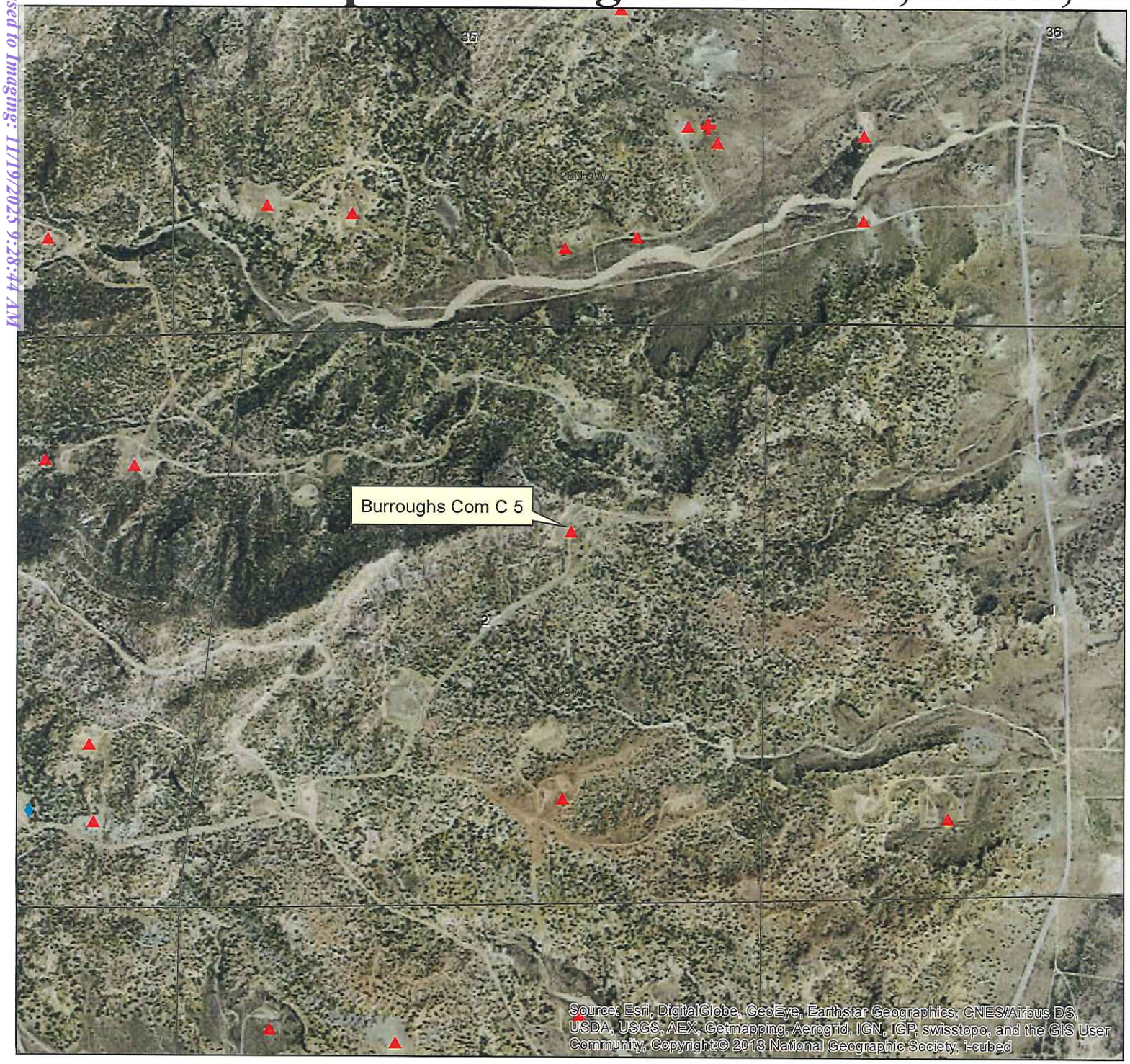
- DSM
- iWater
- Hydrogeologic
- COP Cathodic

ConocoPhillips

Burroughs Com C 5
is the subject well.

Author:	Date: 3/22/2016
Compiled by:	Scale: 1:14,350

Aerial Map - Burroughs Com C 5, Sec. 2, T27N, R9W



Legend

- DSM
- iWater
- Hydrogeologic
- COP Cathodic

ConocoPhillips

Burroughs Com C 5
is the subject well.

Miles
0 0.1 0.2 0.4

Author:
Date: Date: 3/22/2016
Compiled by:
Scale: 1:14,350

Burlington Resources Oil & Gas Company, LP
San Juan Basin
Below Grade Tank Design and Construction

In accordance with NMAC 19.15.17 the following information describes the design and construction of below-grade tanks on Burlington Resources Oil & Gas Company, LP, hereinafter known as BR, locations. This is BR's standard procedure for all below grade tanks (BGT). A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

1. BR will design and construct a properly sized and approved BGT which will contain liquids and should prevent contamination of fresh water to protect the public health and environment.

2. BR signage will comply with 19.15.17.11.C NMAC.

3. BR will construct all new fences around the BGT utilizing 48" steel mesh field-fence (hog-wire) on the bottom with a single strand of barbed wire on top. T-posts shall be installed every 12 feet and corners shall be anchored utilizing a secondary T-post. BGTs will be fenced at all times regardless of location.
    a. If the BGT is located within 1000 feet of an occupied permanent residence, school, hospital, institution or church, BR will construct all new fences utilizing 72" chain link security fence with two strands of barbed wire on top. The operator shall ensure that all gates associated with the fence are closed and locked when responsible personnel are not onsite.

4. BR will construct a screened, expanded metal covering, on the top of the BGT.

5. BR will ensure that a BGT is constructed of materials resistant to the BGT's particular contents and resistant to damage from sunlight as shown on design drawing and specification sheet.

6. The BR BGT system will have a properly constructed foundation consisting of a level base free of rocks, debris, sharp edges or irregularities to prevent punctures, cracks or indentations of the liner or tank bottom as shown on design drawing.

7. BR shall operate and install the BGT to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a BGT to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the BGT as shown on the design plan.

8. If BR needs to modify/retrofit the existing BGT it will meet the below specifications.

9. BR will construct and use a BGT that does not have double walls. The BGT's side walls will be open for visual inspection for leaks, the BGT's bottom is elevated a minimum of six inches above the underlying ground surface and the BGT is underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected.

10. BR has equipped the BGT's with the ability to detect high level in the tank and provide alarm notification and shutdown process streams into the tank. Once high level is detected RTU logic closes the inlet separator sales valve and does not permit vent valve to open. This shutdown of the sales valve and gagging of the vent valves prevents any hydrocarbon process streams from entering the pit tank once a high level is detected. Furthermore, an electronic page is sent to the Operator for that well site and to the designated contract "Water-Hauling" Company indicating a high level and that action

must be taken to address this alarm. The environmental drain line from BR's compressor skid under normal operating conditions is in the open position. The environmental drain line is in place to capture any collected rain water or spilled lubricants from our compressor skids. The swab drain line is a manually operated drain and by normal operating procedures is in the closed position. The tank drain line is also a manually operated drain and during normal operations it is in the closed position.

11. The geomembrane liner consists of a 45-mil flexible LLDPE material manufactured by Raven Industries as J45BB. This product is a four layer reinforced laminated containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. The J45BB is reinforced with 1300 denier (minimum) tri-directional scrim reinforcement. It exceeds ASTMD3083 standard by 10%. J45BB has a warranty for 20 years from Raven Industries and is attached. It is typically used in Brine Pond, Oilfield Pit liner and other industrial applications. The manufacture specific sheet is attached and the design attached displays the proper installation of the liner.

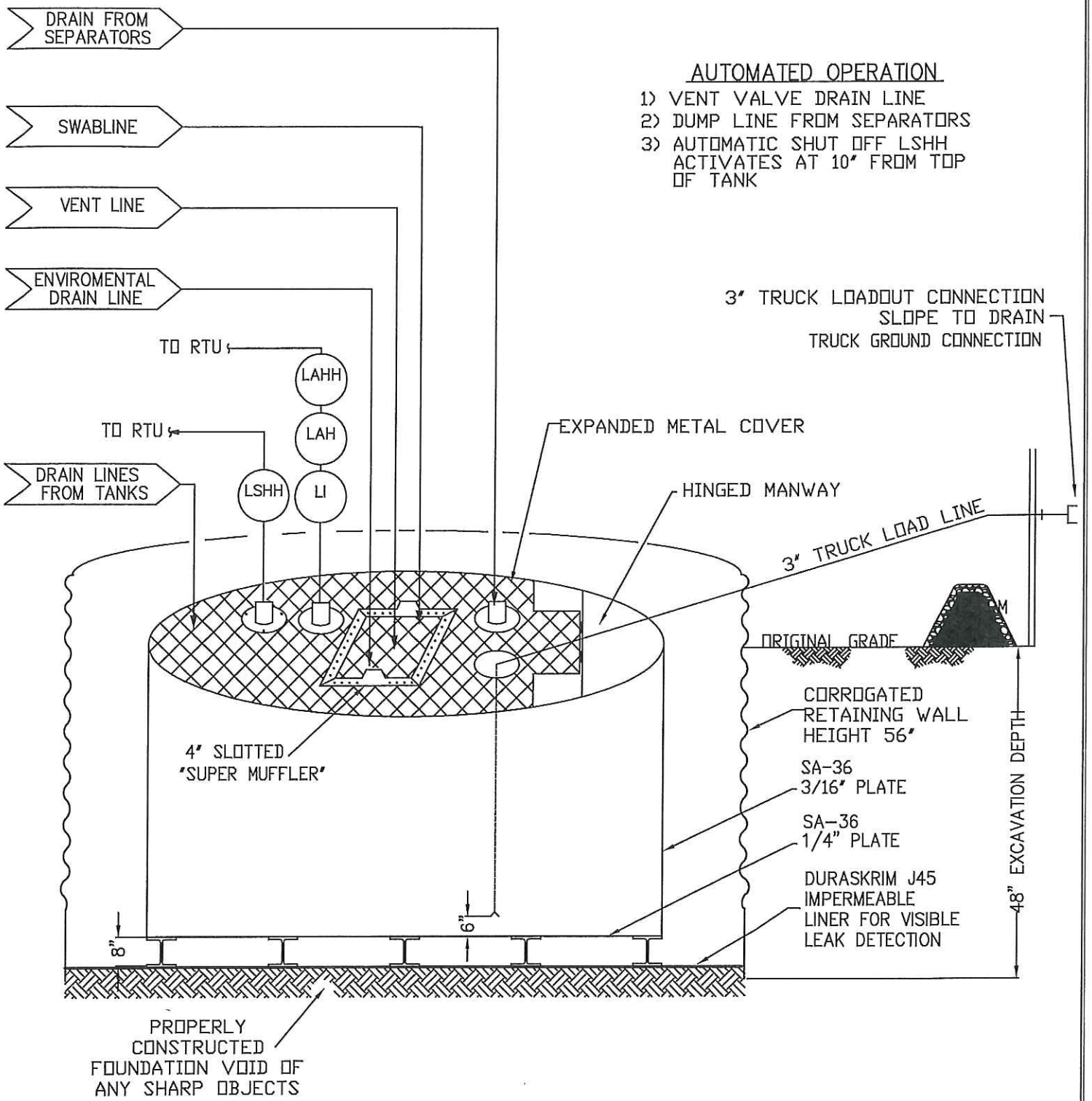
12. The general specification for design and construction are attached.

MANUAL OPERATION

1) PRODUCTION TANKS DRAINLINE
2) SWABLINE DRAIN LINE
3) ENVIROMENTAL DRAIN LINE FROM COMPRESSOR SKID

AUTOMATED OPERATION

1) VENT VALVE DRAIN LINE
2) DUMP LINE FROM SEPARATORS
3) AUTOMATIC SHUT OFF LSHH ACTIVATES AT 10" FROM TOP OF TANK



ConocoPhillips

San Juan Business Unit

PRODUCED WATER PIT TANK

OPEN TOP GRAVITY FLOW TANK
INTERNALLY COATED WITH
12-14 MILS AMERON AMERCOAT 385

DURA-SKRIM® J30, J36 & J45

PROPERTIES	TEST METHOD	J30BB		J36BB		J45BB	
		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages
Appearance		Black/Black		Black/Black		Black/Black	
Thickness	ASTM D 5199	27 mil	30 mil	32 mil	36 mil	40 mil	45 mil
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs (18.14)	140 lbs (20.16)	151 lbs (21.74)	168 lbs (24.19)	189 lbs (27.21)	210 lbs (30.24)
Construction		**Extrusion laminated with encapsulated tri-directional scrim reinforcement					
Ply Adhesion	ASTM D 413	16 lbs	20 lbs	19 lbs	24 lbs	25 lbs	31 lbs
1" Tensile Strength	ASTM D 7003	88 lbf MD 63 lbf DD	110 lbf MD 79 lbf DD	90 lbf MD 70 lbf DD	113 lbf MD 87 lbf DD	110 lbf MD 84 lbf DD	138 lbf MD 105 lbf DD
1" Tensile Elongation @ Break % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD
1" Tensile Elongation @ Peak % (Scrim Break)	ASTM D 7003	20 MD 20 DD	33 MD 33 DD	20 MD 20 DD	30 MD 31DD	20 MD 20 DD	36 MD 36 DD
Tongue Tear Strength	ASTM D 5884	75 lbf MD 75 lbf DD	97 lbf MD 90 lbf DD	75 lbf MD 75 lbf DD	104 lbf MD 92 lbf DD	100 lbf MD 100 lbf DD	117 lbf MD 118 lbf DD
Grab Tensile	ASTM D 7004	180 lbf MD 180 lbf DD	218 lbf MD 210 lbf DD	180 lbf MD 180 lbf DD	222 lbf MD 223 lbf DD	220 lbf MD 220 lbf DD	257 lbf MD 258 lbf DD
Trapezoid Tear	ASTM D 4533	120 lbf MD 120 lbf DD	146 lbf MD 141 lbf DD	130 lbf MD 130 lbf DD	189 lbf MD 172 lbf DD	160 lbf MD 160 lbf DD	193 lbf MD 191 lbf DD
*Dimensional Stability	ASTM D 1204	<1	<0.5	<1	<0.5	<1	<0.5
Puncture Resistance	ASTM D 4833	50 lbf	64 lbf	65 lbf	83 lbf	80 lbf	99 lbf
Maximum Use Temperature		180° F	180° F	180° F	180° F	180° F	180° F
Minimum Use Temperature		-70° F	-70° F	-70° F	-70° F	-70° F	-70° F

MD = Machine Direction
DD = Diagonal Directions

Note: Minimum Roll Averages are set to take into account product variability in addition to testing variability between laboratories.

*Dimensional Stability Maximum Value

**DURA-SKRIM J30BB, J36BB & J45BB are a four layer reinforced laminate containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. DURA-SKRIM J30BB, J36BB & J45BB are reinforced with a 1300 denier (minimum) tri-directional scrim reinforcement.

Note: RAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.

PLANT LOCATION
Sioux Falls, South Dakota

SALES OFFICE
P.O. Box 5107
Sioux Falls, SD 57117-5107
(605) 335-0174
(605) 331-0333 FAX
800-635-3456

RAVEN INDUSTRIES

08/06

RAVEN INDUSTRIES INC.
EXPOSED GEOMEMBRANE LIMITED WARRANTY

Raven Industries Inc. warrants Dura-Skrim J30BB, J36BB, and J45BB to be free from manufacturing defects and to be able to withstand normal exposure to sunlight for a period of 20 years from the date of sale for normal use in approved applications in the U.S and Canada, excluding Hawaii. This warranty is effective for products sold and shipped from January 1, 2008 to December 31, 2008. These dates will be updated prior to December 31, 2008.

This Limited Warranty does not include damages or defects in the Raven geomembrane resulting from acts of God, casualty or catastrophe including but not limited to: earthquakes, floods, piercing hail, or tornadoes. The term "normal use" as used herein does not include, among other things improper handling during transportation, unloading, storage or installation, the exposure of Raven geomembranes to harmful chemicals, atypical atmospheric conditions, abuse of Raven geomembranes by machinery, equipment or people; improper site preparation or covering materials, excessive pressures or stresses from any source or improper application or installation. Raven geomembrane material warranty is intended for commercial use only and is not in effect for the consumer as defined in the Magnuson Moss Warranty or any similar federal, state, or local statues. The parties expressly agree that the sale hereunder is for commercial or industrial use only.

Should defects or premature loss of use within the scope of the above Limited Warranty occur, Raven Industries Inc. will, at its option, repair or replace the Raven geomembrane on a pro-rata basis at the then current price in such manner as to charge the Purchaser/User only for that portion of the warranted life which has elapsed since purchase of the material. Raven Industries Inc. will have the right to inspect and determine the cause of any alleged defect in the Raven geomembrane and to take appropriate steps to repair or replace the Raven geomembrane if a defect exists which is covered under this warranty. This Limited Warranty extends only to Raven's geomembrane, and does not extend to the installation service of third parties nor does it extend to materials furnished or installed by others in connection with the intended use of the Raven geomembranes.

Any claim for any alleged breach of this warranty must be made in writing, by certified mail, to the General Manager of Engineered Films Division of Raven Industries Inc. within ten (10) days of becoming aware of the alleged defect. Should the required notice not be given, the defect and all warranties are waived by the Purchaser, and Purchaser shall not have any rights under this warranty. Raven Industries Inc. shall not be obligated to perform repairs or replacements under this warranty unless and until the area to be repaired or replaced is clean, dry, and unencumbered. This includes, but is not limited to, the area made available for repair and/or replacement of Raven geomembrane to be free from all water, dirt, sludge, residuals and liquids of any kind. If after inspection it is determined that there is no claim under this Limited Warranty, Purchaser shall reimburse Raven Industries Inc. for its costs associated with the site inspection.

In the event the exclusive remedy provided herein fails in its essential purpose, and in that event only, the Purchaser shall be entitled to a return of the purchase price for so much of the material as Raven Industries Inc. determines to have violated the warranty provided herein. Raven Industries Inc. shall not be liable for direct, indirect, special, consequential or incidental damages resulting from a breach of this warranty including, but not limited to, damages for loss of production, lost profits, personal injury or property damage. Raven Industries Inc. shall not be obligated to reimburse Purchaser for any repairs, replacement, modifications or alterations made by Purchaser unless Raven Industries Inc. specifically authorized, in writing, said repairs, replacements, modifications or alteration in advance of them having been made. Raven Industry's liability under this warranty shall in no event exceed the replacement cost of the material sold to the Purchaser for the particular installation in which it failed.

Raven Industries Inc. neither assumes nor authorizes any person other than the undersigned of Raven Industries Inc. to assume for it any other or additional liability in connection with the Raven geomembrane made on the basis of the Limited Warranty. The Limited Warranty on the Raven geomembrane herein is given in lieu of all other possible material warranties, either expressed or implied, and by accepting delivery of the material; Purchaser waives all other possible warranties, except those specifically given. This Limited Warranty may only be modified by written document mutually executed by Owner and Raven Industries Inc.

Limited Warranty is extended to the purchaser/owner and is non-transferable and non-assignable; i.e., there are no third-party beneficiaries to this warranty.

Purchaser acknowledges by acceptance that the Limited Warranty given herein is accepted in preference to any and other possible materials warranties.

THIS LIMITED WARRANTY SHALL BE GOVERNED BY SOUTH DAKOTA LAW AND VENUE FOR ALL LEGAL PROCEEDINGS IN CONNECTION WITH THIS LIMITED WARRANTY SHALL BE IN MINNEHAHA COUNTY, SOUTH DAKOTA. RAVEN INDUSTRIES INC. MAKES NO WARRANTY OF ANY KIND OTHER THAN THAT GIVEN ABOVE AND HEREBY DISCLAIMS ALL WARRANTIES, BOTH EXPRESSED OR IMPLIED, OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS IS THE ONLY WARRANTY THAT APPLIES TO THE MATERIALS REFERRED TO HEREIN AND RAVEN INDUSTRIES INC. DISCLAIMS ANY LIABILITY FOR ANY WARRANTIES GIVEN BY ANY OTHER PERSON OR ENTITY, EITHER WRITTEN OR ORAL.

RAVEN INDUSTRIES' WARRANTY BECOMES AN OBLIGATION OF RAVEN INDUSTRIES INC. TO PERFORM UNDER THE WARRANTY ONLY UPON RECEIPT OF FINAL PAYMENT AND EXECUTION BY A DULY AUTHORIZED OFFICER OF RAVEN INDUSTRIES INC.

Burlington Resources Oil & Gas Company, LP
San Juan Asset
Below Grade Tank Maintenance and Operating Plan

In accordance with Rule 19.15.17 the following information describes the operation and maintenance of a below-grade tank (BGT) on a Burlington Resources Oil & Gas Company, LP (BR) location. This is BR's standard procedure for all BGT's. A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

1. BR will operator and maintain a BGT to contain liquids and solids and maintain the integrity of the liner, liner system and secondary containment system to prevent contamination of fresh water and protect public health and the environmental. BR will perform an inspection on a monthly basis, install cathodic protection and automatic overflow shutoff devices as seen on the design plan.
2. BR will not discharge into or store any hazardous waste in the BGT.
3. BR shall operator and install the BGT to prevent the collection of surface water run-on. BR has built in shut-off devices that do not all ow a BGT to overflow. BR constructs berms and corrugated retained walls at least 6" above grade to keep surface water run-on from entering the BGT as shown on the design plan.
4. As per 19.15.17.12.D(3), BR will inspect the BGT for leakage and damage at least monthly. The operator will document the integrity of each tank at least annually and maintain a written record for 5 years. Inspections may include 1) containment berms adequate and no oil present, 2) tanks had no visible leaks or sign of corrosion, 3) tank valves, flanges, and hatches had no visible leaks and 4) no evidence of significant spillage of produced liquids. BR shall remove any visible or measurable layer of oil from the fluid surface of the BGT in an effort to prevent significant accumulation of oil overtime.
5. BR shall maintain adequate freeboard to prevent overtopping of the BGT.
6. If a BGT develops a leak, then BR shall removal all liquid above the damage or leak within 48 hours of discovery, notify the appropriate division office pursuant to 19.15.29 NMAC and repair the damage or replace BGT as applicable.
7. If BR discovers a BGT designed in accordance with 19.15.17.11.I(5) has lost integrity the BGT will promptly be drained and removed from service and BR will follow the approved closure plan. If BR discovers a retrofitted BGT designed in accordance with 19.15.17.11.I(4)(a-c), does not demonstrate integrity or that the BGT develops any of the conditions identified in Paragraph (5) of Subsection A of 19.15.17.12 NMAC shall repair the damage or close the existing BGT pursuant to the closure requirements of 19.15.17.13 NMAC.
8. If BR equips or retrofits the existing BGT to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC, BR shall visually inspect the area beneath the BGT during the retrofit and document any areas that are wet, discolored or showing other evidence of a release on form C-141. BR shall measure and report to the division the concentration of contaminants in the wet or discolored soil with respect to the standards set forth in Table I of 19.15.17.13 NMAC. If there is no wet or discolored soil or if the concentration of contaminants in the wet or discolored soil is less than the standard set forth in Table I of 19.15.17.13 NMAC, then BR will proceed with the closure requirements of 19.15.17.13 NMAC prior to initiating the retrofit or replacement.

Burlington Resources Oil & Gas Company
San Juan Basin: New Mexico Assets
Production BGT Closure Plan

In accordance with Rule 19.15.17.13 NMAC, the following plan describes the general closure requirements of below-Grade Tanks (BGT) on Burlington Resources Oil & Gas Company, LP locations in the San Juan Basin of New Mexico. This is BR's standard closure procedure for all BGTs regulated under Rule 19.15.17 NMAC and operated by BR. For those closures which do not conform to this standard closure plan, a separate BGT specific closure plan will be developed and utilized.

Closure Conditions and Timing for BGT:

- Within 60 days of cessation of operation BR will:
  - Remove all liquids and sludge and dispose in a division approved manner.
- Within 72 Hrs or 1 week prior to closure BR will:
  - Give notice to surface owners by certified mail. For public entities by email as specified on the variance page.
  - Give notice to Division District Office verbally and in writing/email.
- Within 6 months of cessation of operation BR will:
  - Remove BGT and dispose, recycle, reuse, or reclaim in a division approved manner.
  - Remove unused onsite equipment associated with the BGT.
- Within 60 days of closure BR will:
  - Send the Division District Office a Closure Report per 19.15.17.13.F (1).

General Plan Requirements:

1. Prior to initiating any BGT closure, except in the case of an emergency, BR will notify the surface owner of the intent to close the BGT by certified mail no later than 72 hours or one week before closure and a copy of this notification will be included in the closure report. In the case of an emergency, the surface owner will be notified as soon as practical.

2. Notice of closure will be given to the Division District office between 72 hours and one week of the scheduled closure via email or phone. The notification of closure will include the following:
   a. Operators Name
   b. Well Name and API Number
   c. Location
3. All liquids will be removed from the BGT following cessation of operation. Produced water will be disposed of at one of COP's approved Salt Water Disposal facilities or at a Division District Office approved facility.

4. Solids and sludge's will be shoveled and/or vacuumed out for disposal at one of the Division District Office approved facilities, depending on the proximity of the BGT site: Envirotech Land Farm (Permit #NM-01-011), Industrial Ecosystems Inc. JFJ Land Farm (Permit #NM-01-0010B), and Basin Disposal (Permit #NM-01-005).

5. BR will obtain prior approval from the Division District Office to dispose, recycle, reuse, or reclaim the BGT and provide documentation of the disposition of the BGT in the closure report. Steel materials will be recycled or reused as approved by the Division District Office. Fiberglass tanks will be empty, cut up or shredded, and EPA cleaned for disposal as solid waste. Liner materials will be cleaned without soils or contaminated material for disposal as solid waste. Fiberglass tanks and liner materials will meet the conditions of 19.15.35 NMAC.

Revised 9/4/2014

Disposal will be at a licensed disposal facility, presently San Juan County Landfill operated by Waste Management under NMED Permit SWM-052426.

6. Any equipment associated with the BGT that is no longer required for some other purpose, following the closure, will be removed.

7. Following removal of the tank and any liner material, BR will test the soils beneath the BGT as follows:
   a. At a minimum, a five-point composite sample will be taken to include any obvious stained or wet soils or any other evidence of contamination.
   b. The laboratory sample shall be analyzed for the constituents listed in Table I of 19.15.17.13.

Table I

Closure Criteria for Soils Beneath Below-Grade Tanks, Drying Pads Associated with Closed-Loop Systems and Pits where Contents are Removed

Depth below bottom of pit to groundwater less than 10,000	Constituent	Method*	Limit**
≤50 feet	Chloride	EPA 300.0	600 mg/kg
	TPH	EPA SW-846 Method 418.1	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg
51 feet-100 feet	Chloride	EPA 300.0	10,000 mg/kg
	TPH	EPA SW-846 Method 418.1	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg
> 100 feet	Chloride	EPA 300.0	20,000 mg/kg
	TPH	EPA SW-846 Method 418.1	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg

*Or other test methods approved by the division

**Numerical limits or natural background level, whichever is greater

(19.15.17.13 NMAC-Ro, 19.15.17.13 NMAC 3/28/2013)

Revised 9/4/2014

8. If the Division District Office and/or BR determine there is a release, BR will comply with 19.15.17.13.C.3b.

9. Upon completion of the tank removal, pursuant to 19.15.17.13.C.3c, if all contaminant concentrations are less than or equal to the parameters listed in Table I of 19.15.17.13 NMAC, the excavation will be backfilled with non-waste containing earthen material compacted and covered with a minimum of one foot top soil, or background thickness of top soil, whichever is greater. The surface will then be re-contoured to match the native grade, prevent ponding of water, and prevent erosion of cover material.

10. For those portions of the former BGT area no longer required for production activities, BR will seed the disturbed area in the first favorable growing season following the closure of the BGT. Seeding will be accomplished via drilling on the contour whenever practical, or by other Division District Office approved methods. BR will notify the Division District Office when reclamation and re-vegetation is complete.

    Reclamation of the BGT shall be considered complete when:
    - Established vegetative cover reflects a life form ratio of +/- 50% of pre disturbance levels.
    - Total plant cover is at least 70% of pre-disturbance levels (Excluding noxious weeds) OR
    - Pursuant to 19.15.17.13.H.5d BR will comply with obligations imposed by other applicable federal or tribal agencies in which there re-vegetation and reclamation requirements provide equal or better protection of fresh water, human health and the environment.

11. For those portions of the former BGT area required for production activities, reseeding will be done at well abandonment, and following the procedure noted above.

Closure Report:
All closure activities will include proper documentation and will be submitted to OCD within 60 days of the BGT closure on a Closure Report using Division District Office Form C-144. The Report will include the following:

- Proof of Closure Notice (surface owner and Division District Office)
- Backfilling & cover installation
- Confirmation Sampling Analytical Results
- Application Rate & Seeding techniques
- Photo Documentation of Reclamation

ENSOLUM

APPENDIX B

Laboratory Analytical Report – BGT Removal

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mitch Killough
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

Generated 8/1/2025 1:19:42 PM

JOB DESCRIPTION

Burroughs Com C 5

JOB NUMBER

885-29673-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

my EOL

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated
8/1/2025 1:19:42 PM

Authorized for release by
Michelle Garcia, Project Manager
michelle.garcia@et.eurofinsus.com
(505)345-3975

Client: Hilcorp Energy
Project/Site: Burroughs Com C 5

Laboratory Job ID: 885-29673-1

Table of Contents

Definitions/Glossary

Client: Hilcorp Energy
Job ID: 885-29673-1
Project/Site: Burroughs Com C 5

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Hilcorp Energy
Project: Burroughs Com C 5

Job ID: 885-29673-1

Job ID: 885-29673-1 Eurofins Albuquerque

Job Narrative
885-29673-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 7/26/2025 7:30 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Hilcorp Energy
Project/Site: Burroughs Com C 5

Job ID: 885-29673-1

Client Sample ID: Bottom Comp

Date Collected: 07/25/25 13:10
Date Received: 07/26/25 07:30

Lab Sample ID: 885-29673-1
Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		07/28/25 11:49	07/31/25 07:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*07/28/25 11:49*	*07/31/25 07:27*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		07/28/25 11:49	07/31/25 07:27	1
Ethylbenzene	ND		0.047		mg/Kg		07/28/25 11:49	07/31/25 07:27	1
Toluene	ND		0.047		mg/Kg		07/28/25 11:49	07/31/25 07:27	1
Xylenes, Total	ND		0.095		mg/Kg		07/28/25 11:49	07/31/25 07:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*07/28/25 11:49*	*07/31/25 07:27*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		07/30/25 11:43	07/30/25 22:40	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		07/30/25 11:43	07/30/25 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*07/30/25 11:43*	*07/30/25 22:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		07/29/25 07:01	07/29/25 13:26	20

QC Sample Results

Client: Hilcorp Energy
Project/Site: Burroughs Com C 5

Job ID: 885-29673-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-31016/1-A
Matrix: Solid
Analysis Batch: 31240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31016

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		07/28/25 11:49	07/30/25 22:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*07/28/25 11:49*	*07/30/25 22:46*	*1*

Lab Sample ID: LCS 885-31016/2-A
Matrix: Solid
Analysis Batch: 31240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31016

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	27.3		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*203*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-31016/1-A
Matrix: Solid
Analysis Batch: 31241

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31016

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		07/28/25 11:49	07/30/25 22:46	1
Ethylbenzene	ND		0.050		mg/Kg		07/28/25 11:49	07/30/25 22:46	1
Toluene	ND		0.050		mg/Kg		07/28/25 11:49	07/30/25 22:46	1
Xylenes, Total	ND		0.10		mg/Kg		07/28/25 11:49	07/30/25 22:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*07/28/25 11:49*	*07/30/25 22:46*	*1*

Lab Sample ID: LCS 885-31016/3-A
Matrix: Solid
Analysis Batch: 31241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31016

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.881		mg/Kg		88	70 - 130		
Ethylbenzene			1.00	0.912		mg/Kg		91	70 - 130		
m&p-Xylene			2.00	1.92		mg/Kg		96	70 - 130		
o-Xylene			1.00	0.922		mg/Kg		92	70 - 130		
Toluene			1.00	0.896		mg/Kg		90	70 - 130		
Xylenes, Total			3.00	2.84		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*

QC Sample Results

Client: Hilcorp Energy
Project/Site: Burroughs Com C 5

Job ID: 885-29673-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-31207/1-A
Matrix: Solid
Analysis Batch: 31188

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31207

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		07/30/25 11:43	07/30/25 18:21	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		07/30/25 11:43	07/30/25 18:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*07/30/25 11:43*	*07/30/25 18:21*	*1*

Lab Sample ID: LCS 885-31207/2-A
Matrix: Solid
Analysis Batch: 31188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31207

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	47.3		mg/Kg		95	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-31059/1-A
Matrix: Solid
Analysis Batch: 31118

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31059

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		07/29/25 07:01	07/29/25 11:18	1

Lab Sample ID: LCS 885-31059/2-A
Matrix: Solid
Analysis Batch: 31118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31059

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.7		mg/Kg		98	90 - 110		

Lab Sample ID: 885-29673-1 MS
Matrix: Solid
Analysis Batch: 31118

Client Sample ID: Bottom Comp
Prep Type: Total/NA
Prep Batch: 31059

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		29.8	ND		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-29673-1 MSD
Matrix: Solid
Analysis Batch: 31118

Client Sample ID: Bottom Comp
Prep Type: Total/NA
Prep Batch: 31059

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		29.9	ND		mg/Kg		NC	50 - 150	NC	20

QC Association Summary

Client: Hilcorp Energy
Job ID: 885-29673-1
Project/Site: Burroughs Com C 5

GC VOA

Prep Batch: 31016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29673-1	Bottom Comp	Total/NA	Solid	5030C	
MB 885-31016/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-31016/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-31016/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 31240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29673-1	Bottom Comp	Total/NA	Solid	8015M/D	31016
MB 885-31016/1-A	Method Blank	Total/NA	Solid	8015M/D	31016
LCS 885-31016/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	31016

Analysis Batch: 31241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29673-1	Bottom Comp	Total/NA	Solid	8021B	31016
MB 885-31016/1-A	Method Blank	Total/NA	Solid	8021B	31016
LCS 885-31016/3-A	Lab Control Sample	Total/NA	Solid	8021B	31016

GC Semi VOA

Analysis Batch: 31188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29673-1	Bottom Comp	Total/NA	Solid	8015M/D	31207
MB 885-31207/1-A	Method Blank	Total/NA	Solid	8015M/D	31207
LCS 885-31207/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	31207

Prep Batch: 31207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29673-1	Bottom Comp	Total/NA	Solid	SHAKE	
MB 885-31207/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-31207/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 31059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29673-1	Bottom Comp	Total/NA	Solid	300_Prep	
MB 885-31059/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-31059/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-29673-1 MS	Bottom Comp	Total/NA	Solid	300_Prep	
885-29673-1 MSD	Bottom Comp	Total/NA	Solid	300_Prep	

Analysis Batch: 31118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29673-1	Bottom Comp	Total/NA	Solid	300.0	31059
MB 885-31059/1-A	Method Blank	Total/NA	Solid	300.0	31059
LCS 885-31059/2-A	Lab Control Sample	Total/NA	Solid	300.0	31059
885-29673-1 MS	Bottom Comp	Total/NA	Solid	300.0	31059
885-29673-1 MSD	Bottom Comp	Total/NA	Solid	300.0	31059

Lab Chronicle

Client: Hilcorp Energy
Job ID: 885-29673-1
Project/Site: Burroughs Com C 5

Client Sample ID: Bottom Comp
Lab Sample ID: 885-29673-1
Date Collected: 07/25/25 13:10
Matrix: Solid
Date Received: 07/26/25 07:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31016	KLS	EET ALB	07/28/25 11:49
Total/NA	Analysis	8015M/D		1	31240	AT	EET ALB	07/31/25 07:27
Total/NA	Prep	5030C			31016	KLS	EET ALB	07/28/25 11:49
Total/NA	Analysis	8021B		1	31241	AT	EET ALB	07/31/25 07:27
Total/NA	Prep	SHAKE			31207	JM	EET ALB	07/30/25 11:43
Total/NA	Analysis	8015M/D		1	31188	EM	EET ALB	07/30/25 22:40
Total/NA	Prep	300_Prep			31059	MA	EET ALB	07/29/25 07:01
Total/NA	Analysis	300.0		20	31118	MA	EET ALB	07/29/25 13:26

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Burroughs Com C 5

Job ID: 885-29673-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client: Hilcorp

Mailing Address:

Phone #:

email or Fax#: brandon.sinclair@hilcorp.com

QA/QC Package.
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Burroughs Com C 5

Project #:

Project Manager: Mitch Killough

Sampler: Brandon Sinclair

On Ice: ☑ Yes ☐ No chucy

# of Coolers: 1

Cooler Temp (including CF): 2.3+0.2=2.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-29673 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MIBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)					
7-25	1310	soil	Bottom Comp	4oz jar	cool		✓	✓					✓								

Date	Time	Relinquished by	Received by	Via	Date	Time
7/25/25	1551					
7/25/25	1730			courier	7/26/25	7:30

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-29673-1

Login Number: 29673 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ENSOLUM

APPENDIX C

NMOCD Site Summary

OCD Permitting

30-045-11814 BURROUGHS COM C #005 [319638]

General Well Information

Operator:	[372171] HILCORP ENERGY COMPANY		
Status:	Plugged, Not Released	**Direction:**	Vertical
Well Type:	Gas	**Multi-Lateral:**	No
Work Type:	New	**Mineral Owner:**	State
		Surface Owner:	State
Surface Location:	G-02-27N-09W 1830 FNL 1730 FEL		
Lat/Long:	36.606205,-107.7546234 NAD83		
GL Elevation:	6224		
KB Elevation:		**Sing/Mult Compl:**	Single
DF Elevation:		**Potash Waiver:**	False

Proposed Formation and/or Notes

Depths

Proposed:	0	**True Vertical Depth:**	6940
Measured Vertical Depth:	6940	**Plugback Measured:**	6884

Formation Tops

Formation	Top	Producing	Method Obtained
Kirtland Formation	1497		
Fruitland Formation	2068		
Pictured Cliffs Formation	2340		

Quick Links

- General Well Information
- History
- Comments
- Operator
- Pits
- Casing
- Well Completions
- Financial Assurance
- Compliance
- Natural Gas Venting & Flaring
- Orders
- Production
- Transporters
- Points of Disposition
- Action Status

Associated Images

- Well Files (20)
- Well Logs (6)
- Well Admin Orders

New Searches

- New Facility Search
- New Incident Search
- New Operator Search
- New Pit Search
- New Spill Search
- New Tank Search
- New Well Search

Mancos Formation	4810		
Gallup Formation	5807		
Greenhorn Member of the Mancos Formation	6571		
Dakota Formation	6743		

Event Dates

Initial APD Approval:	10/03/1966		
Most Recent APD Approval:	09/27/2017	**Current APD Expiration:**	10/03/1968
APD Cancellation:			
APD Extension Approval:			
Spud:	10/03/1966	**Gas Capture Plan Received:**	
Approved Temporary Abandonment:		**TA Expiration:**	
Shut In:			
Plug and Abandoned Intent Received:	03/19/2025	**PNR Expiration:**	05/21/2026
Well Plugged:	05/21/2025	**Last MIT/BHT:**	05/21/2025
Site Release:			
Last Inspection:	05/21/2025		

History

Effective Date	Property	Well Number	Operator	C-101 Work Type	Well Type	Well Status	Apd Cancelled	Plug Date
09/27/2017	[319638] BURROUGHS COM C	#005	[372171] HILCORP ENERGY COMPANY	New	Gas	Plugged, Not Released		
01/01/1900	[6874] BURROUGHS COM C	#005	[14538] BURLINGTON RESOURCES OIL & GAS COMPANY LP	New	Gas	Active		

Pits

Pit On Site: Number 99

Pit Type:	Production	**Status:**	Active
Registration Denied:			
Closure Approved:			
Closure Denied:			

Event Dates

Registered:	04/05/2016	**Approved:**	11/08/2016
Open:		**Closed (most recent rig release):**	

Notes

Date	Detail
04/05/2016	BGT MOD PMT# 15058. Pre 2008.

Casing

	Boreholes, Strings and Equipment Specifications					Specifications for Strings and Tubing			Strings Cemented and Intervals		Cement and Plug Description			
String/Hole Type	Taper	Date Set	Diameter	Top	Bottom (Depth)	Grade	Length	Weight	Bot of Cem	Top of Cem	Meth	Class of Cement	Sacks	Pressure Test (Y/N)
Surface Casing	1		9.625	0	310		0	0.0	310	0	Circ	Unknown	210	No
Production Casing	1		4.500	0	6940		0	0.0	6940	0	Circ	Unknown	520	No
Tubing 1	1		2.375	0	6864		0	0.0	0	0			0	No

Lat/Long:
Acreage:
DHC:

Consolidation Code:
Production Method: Flowing

Well Test Data

Production Test:
Flowing Tubing Pressure: 0 psi
Choke Size: 0.000 inches
Gas Volume: 0.0 MCF
Gas-Oil Ratio: 0 Kcf / bbl
Disposition of Gas:

Test Length: 0 hours
Flowing Casing Pressure: 0 psi
Testing Method:
Oil Volume: 0.0 bbls
Oil Gravity: 0.0 Corr. API
Water Volume: 0.0 bbls

Perforations

Date	Top Measured Depth (Where Completion Enters Formation)	Bottom Measured Depth (End of Lateral)	Top Vertical Depth	Bottom Vertical Depth
	6750	6880	0	0

Notes

Event Dates

Initial Effective/Approval: 01/01/1900
Most Recent Approval: 05/21/2025
Confidential Requested On:
Test Allowable Approval:
TD Reached:
Deviation Report Received: No
Directional Survey Run: No
Directional Survey Received: No
First Oil Production: 01/01/1900
First Injection:
Ready to Produce: 10/16/1966
C-104 Approval: 11/08/1966
Plug Back:

TA Expiration:
Confidential Until:
Test Allowable End:
DHC:
Rig Released:
Logs Received: Yes
Closure Pit Plat Received:
First Gas Production: 01/01/1900

Completion Report Received:
New Well C-104 Approval:

Revoked Until:

					Date
05/21/2025	[319638] BURROUGHS COM C	#005	[372171] HILCORP ENERGY COMPANY	Zone Permanently Plugged	
09/27/2017	[319638] BURROUGHS COM C	#005	[372171] HILCORP ENERGY COMPANY	Active	
01/01/1900	[6874] BURROUGHS COM C	#005	[14538] BURLINGTON RESOURCES OIL & GAS COMPANY LP	Active	

Financial Assurance

Please login to review the financial assurance associated with this well.

Compliance

Note that Financial Assurance and Inactive Well Compliance are documented in separate reports (Inactive Well Report, Financial Assurance Report).

Also note that some compliance issues are addressed at the operator level so not listed under each well.

cIJC0730928570

Violation Source: Field Inspection
Date of Violation: 10/19/2007
Compliance Required: 01/18/2008 **Resolved:** 06/24/2009

Notes

Operator sticker needs replaced. Well sign was fixed by 24-June-2009.

Actions/Events

Event Date	Category	Type
06/24/2009	Corrective Actions	Compliance Resolved
11/05/2007	Enforcements	Identification (Well Sign)
10/19/2007	Notifications	Phone Call

Notes

Below grade tank has a measurable layer of hydrocarbon on tank contents. 5/4/2020 received COVID-19 compliance extension request for 90 days, request approved, compliance due date of 6/1/2020 extended to 8/30/2020. 6/25/2020 received email with photo of corrective action, compliance closed.

Actions/Events

Event Date	Category	Type
05/05/2020	Notifications	E-Mail
03/03/2020	Notifications	E-Mail

cCZS248154149

Violation Source: Field Inspection
Date of Violation: 03/21/2024
Compliance Required: 06/19/2024 **Resolved:** 06/12/2024

Notes

BGT has a hydrocarbon substance in it that needs to be removed.

Actions/Events

Event Date	Category	Type

Upstream Natural Gas Venting & Flaring

The upstream natural gas venting & flaring volumes are sourced from upstream natural gas waste reports (C-115B) submissions.

Earliest Natural Gas Waste Report in OCD Records: 10/2021 **Last:** 05/2025 Show All Upstream Venting & Flaring

	Venting & Flaring Volumes			Beneficial Use
	Vented (MCF)	Flared (MCF)	Total (MCF)	Used (MCF)
2021	6	0	6	113

2023	9	0	9		110
2024	0	0	0		1
2025	24	0	24		0
Grand Total:	58	0	58		447

Orders

Please login to review the orders associated with this well.

Production / Injection

The production & injection volumes are sourced from monthly production reports (C-115) submissions.

Earliest Production in OCD Records: 12/1992 **Last** 5/2025 Show All Production Export to Excel

	Production				Injection				
Time Frame	Oil (BBLS)	Gas (MCF)	Water (BBLS)	Days P/I	Water (BBLS)	Co2 (MCF)	Gas (MCF)	Other	Pressure
1992 Cumulative	2,300	679,555	2,004	99	0	0	0	0	N/A
1993	0	9,512	187	354	0	0	0	0	N/A
1994	2	9,125	180	324	0	0	0	0	N/A
1995	105	13,656	270	330	0	0	0	0	N/A
1996	163	25,362	503	365	0	0	0	0	N/A
1997	21	9,823	195	350	0	0	0	0	N/A
1998	127	13,924	290	360	0	0	0	0	N/A
1999	53	14,553	385	361	0	0	0	0	N/A

2001	65	12,741	263	365	0	0	0	0	N/A
2002	61	12,555	263	365	0	0	0	0	N/A
2003	51	10,916	223	363	0	0	0	0	N/A
2004	58	12,686	244	361	0	0	0	0	N/A
2005	51	12,381	223	358	0	0	0	0	N/A
2006	68	10,938	184	365	0	0	0	0	N/A
2007	42	9,209	0	365	0	0	0	0	N/A
2008	56	12,213	356	366	0	0	0	0	N/A
2009	36	11,070	353	365	0	0	0	0	N/A
2010	44	11,597	198	364	0	0	0	0	N/A
2011	61	14,017	459	362	0	0	0	0	N/A
2012	51	13,644	473	365	0	0	0	0	N/A
2013	45	13,673	472	365	0	0	0	0	N/A
2014	38	12,809	432	365	0	0	0	0	N/A
2015	25	12,842	472	365	0	0	0	0	N/A
2016	24	12,662	464	358	0	0	0	0	N/A
2017	25	12,025	160	286	0	0	0	0	N/A
2018	35	11,297	221	311	0	0	0	0	N/A
2019	30	10,390	226	362	0	0	0	0	N/A
2020	15	10,556	123	365	0	0	0	0	N/A

2022	24	9,308	80	333	0	0	0	0	N/A
2023	13	2,012	0	75	0	0	0	0	N/A
2024	0	1	0	1	0	0	0	0	N/A
2025	0	24	0	0	0	0	0	0	N/A
Grand Total:	3,773	1,052,212	10,361	10,745	0	0	0	0	N/A

Transporters

Transporter	Product	Most Recent for Property
[151618] ENTERPRISE FIELD SERVICES L.L.C.	Gas	3/2023
[248440] WESTERN REFINING COMPANY, L.P.	Oil	7/2023

Points of Disposition

ID	Type	Description	Pool(s)
1446150	Water		[71599] BASIN DAKOTA (PRORATED GAS)
1446130	Gas		[71599] BASIN DAKOTA (PRORATED GAS)
1446110	Oil		[71599] BASIN DAKOTA (PRORATED GAS)

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APPENDIX D

Photographic Log

ENSOLUM

Photographic Log
Hilcorp Energy Company
Burroughs COM C #005
30-045-11814

Photograph 1 Date: 08/08/2025
Description: Well Marker
View: Southwest

Photograph 2 Date: 08/08/2025
Description: Access Road Split
View: Northeast

Photograph 3 Date: 08/08/2025
Description: Access Road to Lower Pad
View: East-northeast

Photograph 4 Date: 08/08/2025
Description: Lower Pad Area and BGT Cribbing
View: Southeast

ENSOLUM

Photographic Log
Hilcorp Energy Company
Burroughs COM C #005
30-045-11814

Photograph 5 Date: 08/08/2025
Description: Slope Between AST and BGT Footprints
View: Southwest

Photograph 6 Date: 08/08/2025
Description: Lower Pad Overview
View: West

Photograph 7 Date: 08/08/2025
Description: Drilling Mud/Grout Material
View: North

Photograph 8 Date: 08/08/2025
Description: Isolated Oily Surface Staining
View: North

ENSOLUM

APPENDIX E

Site Characterization

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Burroughs COM C #005 (Site)

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization are are summarized below. Site receptors are identified on Figure 1.

- The closest continuously flowing or significant watercourse is greater than 300 feet from the Site.
- The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church or wetland.
- The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine.
- The Site is located in an area with no potential karst occurrence.
- Depth to groundwater at the Site is estimated to be between 50 and 100 feet below ground surface (bgs) based on the nearest available groundwater well data.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH applies to the top 4 feet of the Site, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed.

From: Knight, Tami C. <tknight@nmslo.gov>
Sent: Wednesday, September 24, 2025 2:20 PM
To: Mitch Killough; Reece Hanson
Cc: Stuart Hyde; Bisbey-Kuehn, Elizabeth A.; Griffin, Becky R.; David, Deon W.; Heltman, Elaine G.; Biernoff, Ari
Subject: RE: [EXTERNAL] RE: (Reclamation Plan) Hilcorp Energy Company - Burroughs COM #005 (30-045-11814) - Approved with Conditions

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Yes sir that is what I was referring to.

Tami C. Knight, CHMM
Senior Environmental Scientist
Environmental Compliance Office
Mobile: 505.670.1638
tknight@nmslo.gov
nmstatelands.org
OOO: September 26 – October 3

Reminder: All notifications, workplans, and reports must be submitted to eco@nmslo.gov. Submittal of these items to individual ECO staff emails will not be accepted.

From: Mitch Killough <mkillough@hilcorp.com>
Sent: Wednesday, September 24, 2025 1:59 PM

To: Knight, Tami C. <tknight@nmslo.gov>; Reece Hanson <rhanson@ensolum.com>
Cc: Stuart Hyde <shyde@ensolum.com>; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>; Griffin, Becky R. <bgriffin@nmslo.gov>; David, Deon W. <ddavid@nmslo.gov>; Heltman, Elaine G. <eheltman@nmslo.gov>; Biernoff, Ari <abiernoff@nmslo.gov>
Subject: RE: [EXTERNAL] RE: (Reclamation Plan) Hilcorp Energy Company - Burroughs COM #005 (30-045-11814) - Approved with Conditions

Hi Tami.

I was able to review the COAs and acknowledge receipt. I did have one question regarding the areas of concern noted in your comments below. Are you referring to the statements below for the areas of concern? Just making sure we are on the same page. Beyond that, I'm in agreement with the COAs.

Thanks.

> Minor oily surface soil staining (less than 5 square feet), likely related to recent drilling operations during plugging and abandonment activities, were noted within two areas at the Site. Staining did not exceed 1-inch in depth.

> The isolated stained surface soil will be removed by hand equipment and disposed of.

Mitch Killough
Hilcorp Energy Company
713-757-5247 (Office)
281-851-2338 (Mobile)

From: Knight, Tami C. <tknight@nmslo.gov>
Sent: Tuesday, September 23, 2025 1:33 PM
To: Reece Hanson <rhanson@ensolum.com>
Cc: Stuart Hyde <shyde@ensolum.com>; Mitch Killough <mkillough@hilcorp.com>; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>; Griffin, Becky R. <bgriffin@nmslo.gov>; David, Deon W. <ddavid@nmslo.gov>; Heltman, Elaine G. <eheltman@nmslo.gov>; Biernoff, Ari <abiernoff@nmslo.gov>
Subject: [EXTERNAL] RE: (Reclamation Plan) Hilcorp Energy Company - Burroughs COM #005 (30-045-11814) - Approved with Conditions

RE: 30-045-11814 (PNR)/Hilcorp; Burroughs COM #005; E0 1200 0003/Hilcorp
Incident #: Not applicable

ROE #: Not applicable
Reclamation Workplan Received: September 4, 2025
Workplan Status: **Approved with Conditions**

Details regarding the workplan review are provided in the table below. The lessee and/or their contractor are responsible for ensuring that the project manager and field personnel performing the work follow the approved work plan. Please respond to this email by September 30, 2025, that you understand and agree to the conditions of approval.

General Scope of Work Topics Addressed in Reclamation Workplan In Detail	Included/Approved	Not Included/Not Approved	Not Required
NMOCD Record Review	Included		
Historical aerial imagery review	Included		
Surface Prep (equipment, caliche removal etc)	Included		
CPP/Bio Statements	Included		
Site Assessment Plans or Results			Site assessment not required since delineation and remediation will occur simultaneously
Remediation Plans or Results		Workplan documents areas of concern. Regardless of volume removed, confirmation soil samples must be collected and analyzed for BTEX, TPH, and chloride to prove that all impacted media was removed from State Trust Land. Samples must be representative of no more than 200 sf	
Reclamation Plans			
• Equipment, trash, caliche/gravel removal	Included		
• Erosion Control Measure Installation and Illustration	Included		

• Seedbed Preparation and Seeding	Included		
• Road Reclamation			Road leads to marginal Enduring well, 30-045-30505
• Traffic Control Measure Installation and Illustration		Traffic control berms are illustrated on the site map but are not discussed in the workplan narrative. Berms used for traffic control must be seeded. If fencing is installed as the workplan proposes is a possibility, it must be removed upon approval of final reclamation.	
• Reclamation Monitoring	Included		
• Schedule of Implementation		Detailed schedule was not provided. All efforts must be made to get seed in the ground before the end of 2025. Submit a reclamation activity report to eco@nmslo.gov by February 13, 2026.	[redacted]

We appreciate the efforts being taken to reclaim State Trust Land.

Environmental Compliance Office
New Mexico State Land Office
eco@nmslo.gov
nmstatelands.org

From: Reece Hanson <rhanson@ensolum.com>
Sent: Thursday, September 4, 2025 12:06 PM
To: SLO Spills <spills@nmslo.gov>
Cc: Stuart Hyde <shyde@ensolum.com>; Mitch Killough <mkillough@hilcorp.com>
Subject: [EXTERNAL] (Reclamation Plan) Hilcorp Energy Company - Burroughs COM #005 (30-045-11814)

Good afternoon,

Please see attached for the *Proposed Reclamation Plan* for the Burroughs COM #005, located in San Juan County, New Mexico. Please let us know if you have any questions or concerns.

Thanks,
Reece

Reece Hanson

Project Geologist

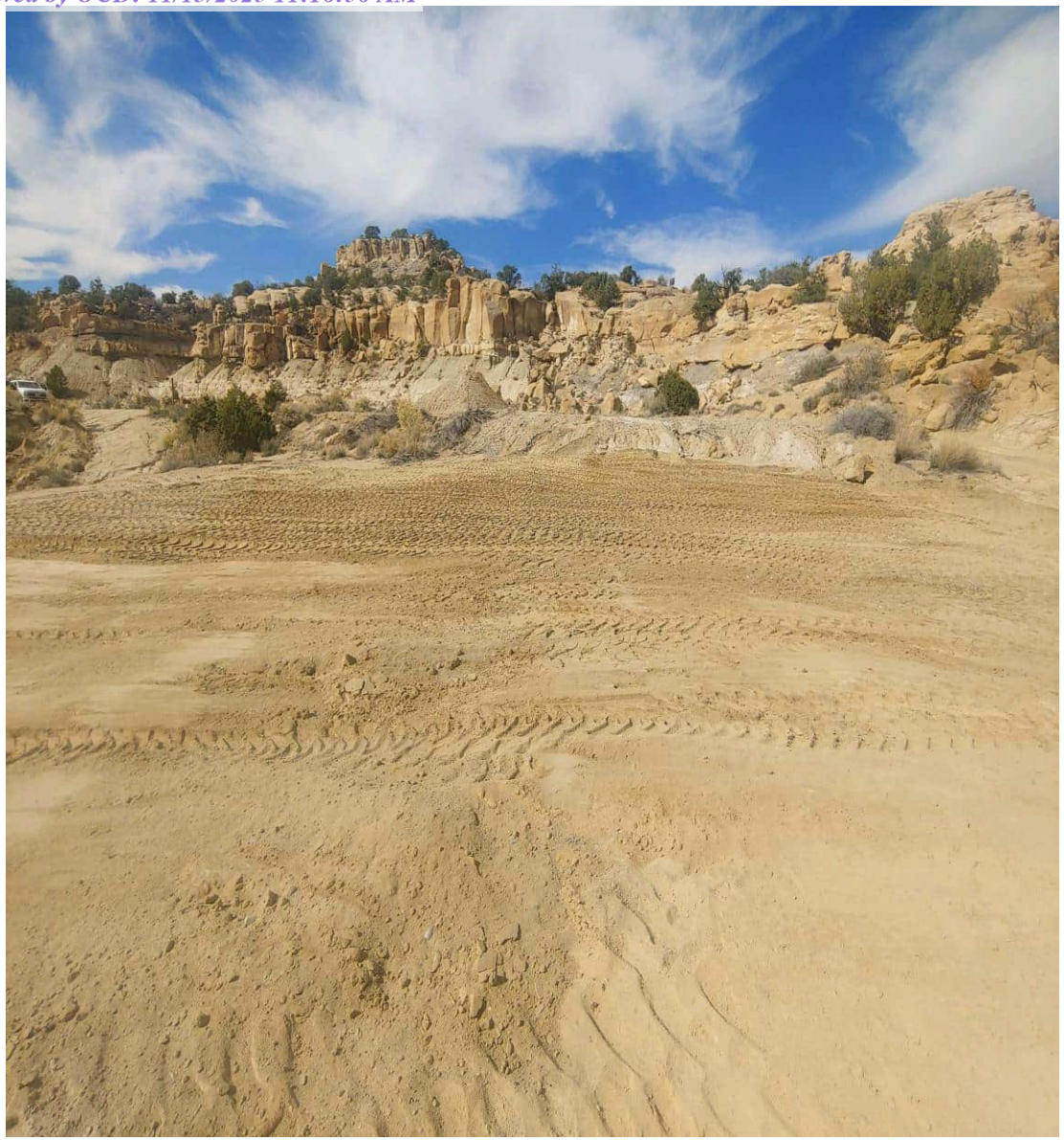
970-210-9803

Ensolum, LLC

Burroughs Com C #5

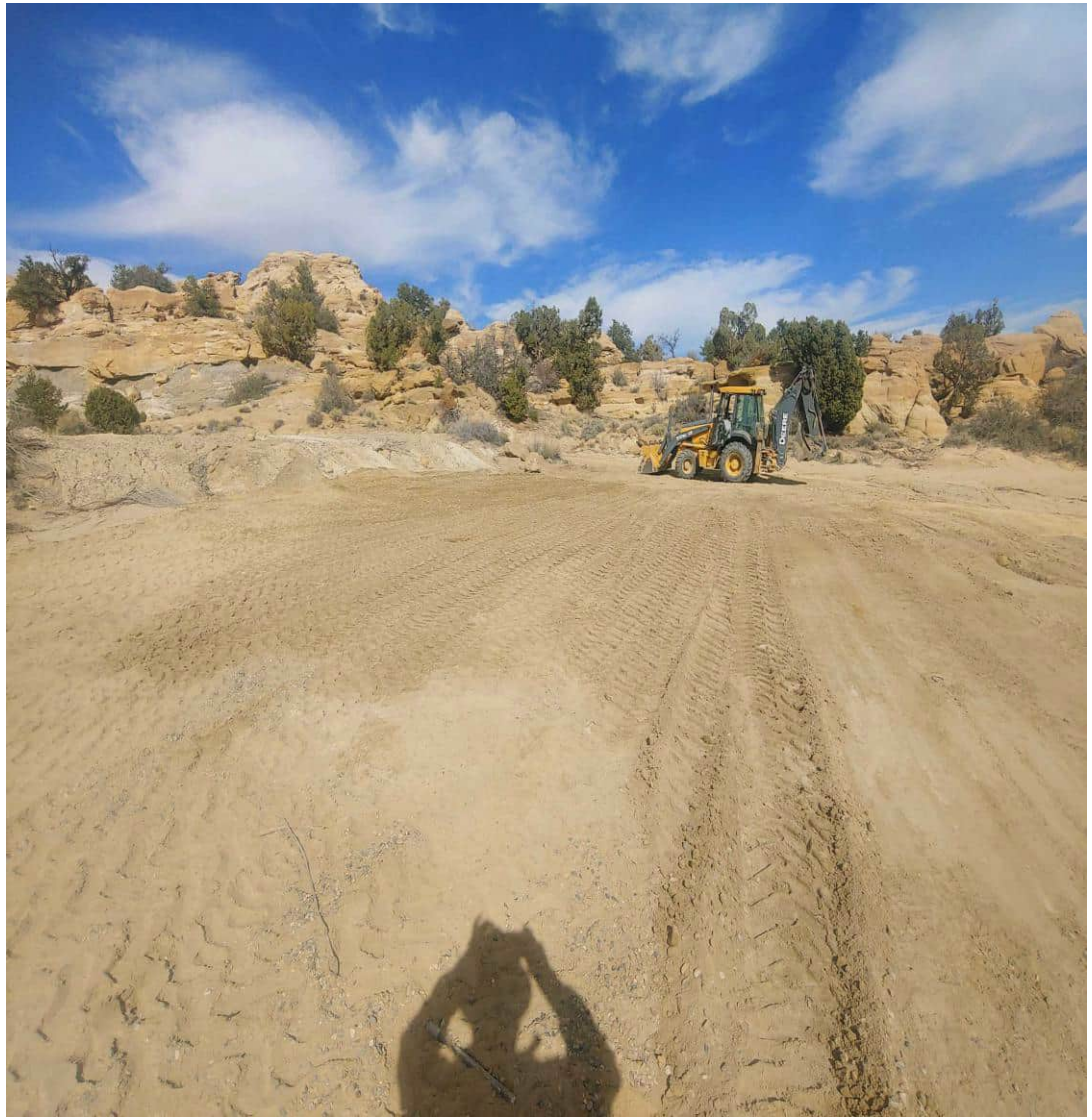
Pit Closure Pictures.

Burroughs Com C #5
11/04/25

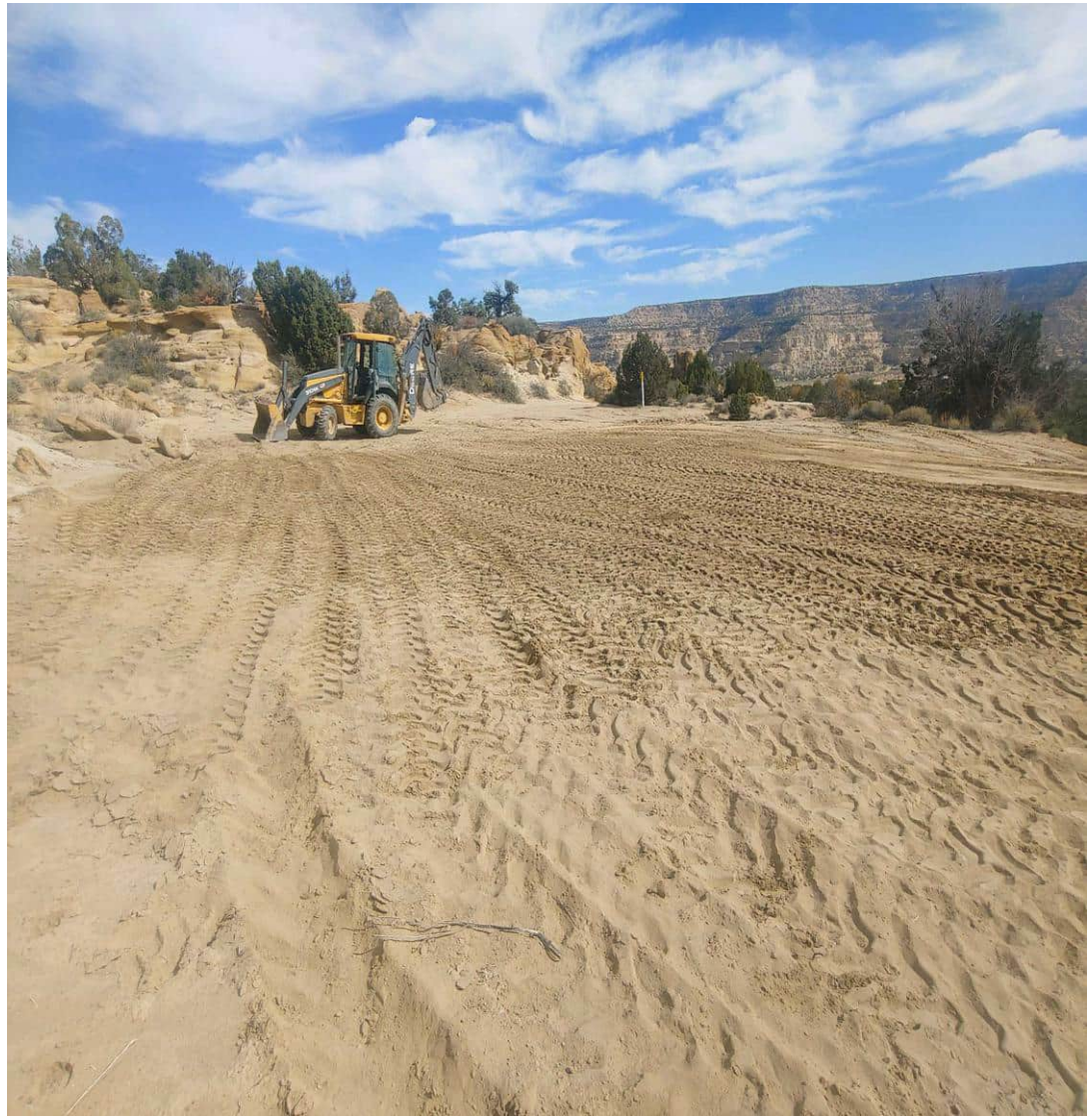


View Looking North

View Looking South



View Looking West



View Looking East

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 526250

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 526250
	Action Type: [C-144] Below Grade Tank Plan (C-144B)

CONDITIONS

Created By	Condition	Condition Date
joel.stone	Upon the cessation of all production operations in the area associated with well API 30-045-11814 (Burroughs Com C 5), the operator shall complete the requirements of 19.15.17.13 NMAC for the area associated with this below-grade tank and notify the OCD when restoration, reclamation, and re-vegetation are complete.	11/19/2025