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

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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.

## <u>Pit, Below-Grade Tank, or</u> 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

BGT1

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.

Operator:     Hilcorp Energy Company     OGRID #:     372171
Address: 382 Road 3100 Aztec, NM 87410
Facility or well name: Hamner 2E – BGT 1
API Number:         30-045-24689         OCD Permit Number:
U/L or Qtr/Qtr <u>K</u> Section <u>28</u> Township <u>29N</u> Range <u>9W</u> County: <u>San Juan</u>
Center of Proposed Design: Latitude <u>36.693821</u> Longitude <u>-107.78875</u> NAD27
Surface Owner: 🛛 Federal 🗌 State 🗌 Private 🗌 Tribal Trust or Indian Allotment
2.
<b><u>Pit</u>:</b> 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: Thicknessmil 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
Below-grade tank: Subsection I of 19.15.17.11 NMAC
Below-grade tank:       Subsection I of 19.15.17.11 NMAC         Volume:       120         bbl       Type of fluid:         Produced Water
Below-grade tank:       Subsection I of 19.15.17.11 NMAC         Volume:       120         bbl       Type of fluid:         Produced Water         Tank Construction material:       Metal
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
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
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
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
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
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    submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.
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 I 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
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 I 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 <b>4. 5. Fencing:</b> 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,
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)

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)

#### 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

#### Variances and Exceptions:

7.

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.

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	
<ul> <li>Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.</li> <li>NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</li> </ul>	☐ 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
<ul> <li>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)</li> <li>Written confirmation or verification from the municipality; Written approval obtained from the municipality</li> </ul>	🗌 Yes 🗌 No
<ul> <li>Within the area overlying a subsurface mine. (Does not apply to below grade tanks)</li> <li>Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</li> </ul>	Yes No
<ul> <li>Within an unstable area. (Does not apply to below grade tanks)</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>	🗌 Yes 🗌 No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	🗌 Yes 🗌 No
Below Grade Tanks	
<ul> <li>Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🛛 No
<ul> <li>Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;.</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🛛 No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
<ul> <li>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.)</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No
<ul> <li>Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	🗌 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.	□ Yes □ No

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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

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<ul> <li>Within 100 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	Yes No					
<u>Temporary Pit Non-low chloride drilling fluid</u>						
<ul> <li>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).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No					
<ul> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>						
<ul> <li>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;</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No					
<ul> <li>Within 300 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No					
Permanent Pit or Multi-Well Fluid Management Pit						
<ul> <li>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).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No					
<ul> <li>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	🗌 Yes 🗌 No					
<ul> <li>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.</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No					
<ul> <li>Within 500 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No					
10.         Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist:       Subsection B of 19.15.17.9 N         Instructions:       Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the doc 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 19.15.17.10 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. and 19.15.17.13 NMAC         Previously Approved Design (attach copy of design)       API Number: or Permit Number:	cuments are NMAC 15.17.9 NMAC					
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 doc 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 19.15.17.13 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:						

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<sup>12.</sup> <u>Permanent Pits Permit Application Checklist</u> : Subsection B of 19.15.17.9 NMAC <i>Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the application</i> .	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         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         Muisance or Hazardous Odors, including H <sub>2</sub> S, Prevention Plan         Oil Field Waste Stream Characterization         Monitoring and Inspection Plan         Erosion Control Plan         Closure Plan - based upon the appropriate requirements of 19.15.17.9 NMAC and 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 F 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	luid Management Pit			
<ul> <li><u>Waste Excavation and Removal Closure Plan Checklist</u>: (19.15.17.13 NMAC) <i>Instructions: Each of the following items must be a closure plan. Please indicate, by a check mark in the box, that the documents are attached.</i></li> <li>☑ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>☑ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC</li> <li>☑ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)</li> <li>☑ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>☑ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>☑ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> </ul>				
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 sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. P 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				
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				
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				
<ul> <li>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.</li> <li>NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site</li> </ul>	🗌 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				

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<ul> <li>adopted pursuant to NMSA 1978, Section 3-27-3, as amended.</li> <li>Written confirmation or verification from the municipality; Written approval obtained from the municipality</li> </ul>	🗌 Yes 🗌 No
<ul> <li>Within the area overlying a subsurface mine.</li> <li>Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</li> </ul>	🗌 Yes 🗌 No
<ul> <li>Within an unstable area.</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological</li> </ul>	
Society; Topographic map	🗌 Yes 🗌 No
Within a 100-year floodplain. - FEMA map	🗌 Yes 🗌 No
<ul> <li>16.</li> <li>On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plane by a check mark in the box, that the documents are attached.</li> <li>Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC</li> <li>Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC</li> <li>Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.13 NMAC</li> <li>Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards canned Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> </ul>	11 NMAC 15.17.11 NMAC
<ul> <li>17.</li> <li>Operator Application Certification:</li> <li>I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief</li> </ul>	lef.
Name (Print):          Title:	
Signature: Date:	
Signature:       Date:         e-mail address:       Telephone:	
e-mail address: Telephone:	
e-mail address: Telephone: I8. Report OCD Approval: Permit Application (including closure plan) X Closure Plan (only) OCD Conditions (see attachment)	
e-mail address: Telephone: 18. Report <u>OCD Approval</u> : Permit Application (including closure plan) X Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Jaclyn Burdine Approval Date: 03/14/2	2023
e-mail address: Telephone:	2023

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	e Certification: nat the information and attachments submitted with th ify that the closure complies with all applicable closu					
Name (Print):	Kandis Roland		Fitle:	Operation	s/Regulatory	Technician – Sr
Signature:	_Kandís Roland				_ Date:	3/14/2023
e-mail address:	kroland@hilcorp.com	Telephone	e:	(713) 757-5246		

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## Hilcorp Energy Company San Juan Basin Below Grade Tank Closure Report

### Lease Name: Hamner 2E – BGT 1 API No.: 30-045-24689

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:

 HILCORP shall close a below-grade tank within 60 days of cessation of operations per Subsection G.4 of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, HILCORP will file the C144 Closure Report as required.

# The below-grade tank referenced above was permitted and closed within 60 days of cessation of the below-grade tanks operation.

 HILCORP shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005), JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.

All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011) and JFJ Landfarm % IEI (Permit #NM-01-0010B). The liner was cleaned per Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC was disposed of at the San Juan County Regional Landfill located on CR 3100.

3. HILCORP will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves.

The below-grade tank was disposed of in a division-approved manner.

4. If there is any on-site equipment associated with a below-grade tank, then HILCORP shall remove the equipment, unless the equipment is required for some other purpose.

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

5. HILCORP will test the soils beneath the below-grade tank to determine whether a release has occurred. HILCORP shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyzed for the constituents listed in Table I of 19.15.17.13 NMAC. Hilcorp shall notify the division of its results on form C-141.

# A five point composite sample was taken of the below-grade tank using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached). Form C-141 is attached.

Components	Tests Method	Limit (mg/kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	100
Chlorides	EPA 300.0	250

6. If HILCORP or the division determines that a release has occurred, then HILCORP shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

#### A release was not determined for the above referenced well.

7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Table I of 19.15.17.13 NMAC, then HILCORP shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and revegetate the site.

# The below-grade tank area passed all requirements of Paragraph (4) of Subsection E of 19.15.17.13 NMAC and was backfilled with compacted, non-waste containing, earthen material.

- 8. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email or verbally. The notification of closure will include the following:
  - i. Operator's name
  - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

#### Notification is attached.

9. The surface owner shall be notified of HILCORP's closing of the below-grade tank 72 hours, but not more than one week, prior to closure as per the approved closure plan via certified mail, return receipt requested.

# The closure process notification to the landowner was sent via email. (See Attached) (Well located on Federal Land, certified mail is not required for Federal Land per BLM/OCD MOU.)

10. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.

The below-grade tank area was re-contoured to match fit, shape, line, form and texture of the surrounding area. Re-shaping including drainage control, to prevent ponding and erosion. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final recontour has a uniform appearance with smooth surface, fitting the natural landscape.

11. HILCORP shall seed the disturbed areas the first favorable growing season following closure of a below-grade tank. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will be used on federally regulated lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. A uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent (50%) of pre- disturbance levels and a total percent plant cover of at least seventy percent (70%) of pre-disturbance levels, excluding noxious weeds. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. Hilcorp will repeat seeding or planting will be continued until successful vegetative growth occurs.

# Provision 13 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.

12. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material, with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.

# The below-grade tank area was backfilled and more than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.

- 13. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on C-144 and incorporate the following:
  - Soil Backfilling and Cover Installation (See Report)
  - Re-vegetation application rates and seeding techniques (See Report)
  - Photo documentation of the site reclamation (Included as an attachment)
  - Confirmation Sampling Results (Included as an attachment)
  - Proof of closure notice (Included as an attachment)

## **Kandis Roland**

From:	Kandis Roland
Sent:	Friday, December 9, 2022 1:14 PM
То:	jaclyn.burdine1@state.nm.us; Emmanuel Adeloye (BLM BGT Closure) (aadeloye@blm.gov)
Cc:	Eufracio Trujillo; Brandon Sinclair; Keri Hutchins; Kandis Roland; Mandi Walker; Kate Kaufman; Lisa Jones; Mike Murphy
Subject:	72 Hour Notice - Hamner 2E (30-045-24689)
Attachments:	Hamner 2E BGT 2 Closure Plan Only Approved.pdf; 30045246890000_HAMNER 2E_BGT PERMIT_OCD APPVD.pdf

#### Subject: 72 Hour BGT Closure Notification

Anticipated Start Date: Tuesday, December 13, 2022 at approximately 9:00 AM

The subject well has <u>two</u> below-grade tanks that will be permanently removed. The BGT permits are attached. Please contact me at any time if you have any questions or concerns.

Well Name:	HAMNER 2E		
API#:	3004524689		
Location:	Unit K, Section 28, T029N, R009W		
Footages:	1585' FSL & 1535' FWL		
Operator:	Hilcorp Energy	Surface Owner:	BLM
Reason:	Well was P&A'd		
Please forward	to anyone that I may have missed.		

Thanks,

Kandis Roland HILCORP ENERGY San Juan East/South Regulatory 713.757.5246 kroland@hilcorp.com

## Kandis Roland

From:	Burdine, Jaclyn, EMNRD < Jaclyn.Burdine1@emnrd.nm.gov>
Sent:	Monday, January 30, 2023 11:20 AM
То:	Mandi Walker
Cc:	Eufracio Trujillo; Kandis Roland
Subject:	RE: [EXTERNAL] BGT Closure Extension

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

Good Morning Mandi,

The OCD approves these extensions. Please let me know if you need anything else.

Jackie Burdine • Environmental Specialist-Advanced – Administrative Permitting Program EMNRD - Oil Conservation Division 1220 S. St. Francis Drive | Santa Fe, NM 87505 505.469.6769 Jaclyn.Burdine1@emnrd.nm.gov http://www.emnrd.nm.gov/ocd

From: Mandi Walker <mwalker@hilcorp.com> Sent: Monday, January 30, 2023 8:43 AM To: Burdine, Jaclyn, EMNRD <Jaclyn.Burdine1@emnrd.nm.gov> Cc: Eufracio Trujillo <etrujillo@hilcorp.com>; Kandis Roland <kroland@hilcorp.com> Subject: [EXTERNAL] BGT Closure Extension

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Jackie,

We have a couple of BGT's that are approaching closure due dates, however between the snow and the mud in San Juan, the sites have not been able to be backfilled. Can we request a 30 day extension for the wells listed below?

				Requested 30 Day
Well Name	API	Close Date	Due Date	Extension Due Date
Federal F 1	3004506533	12/14/2022	2/10/2023	3/10/2023
Hargrave 3	3004506466	12/14/2022	2/10/2023	3/10/2023
Federal F 1	3004508977	12/16/2023	2/14/2023	3/14/2023
Huerfanito Unit 94R	3004530845	12/6/2022	2/4/2023	3/4/2023
Hamner 2E - BGT 1	3004524689	12/13/2022	2/11/2023	3/11/2023
Hamner 2E - BGT 2	3004524689	12/13/2022	2/11/2023	3/11/2023
State Com A 2	3004507401	12/13/2022	2/11/2023	3/11/2023

Please let me know if you are okay with the request and we will update our records.

Thank you!

Mandi Walker San Juan North/South (6,7) Regulatory Technician Hilcorp Energy 346.237.2177 <u>mwalker@hilcorp.com</u>

The information contained in this email message is confidential and may be legally privileged and is intended only for the use of the individual or entity named above. If you are not an intended recipient or if you have received this message in error, you are hereby notified that any dissemination, distribution, or copy of this email is strictly prohibited. If you have received this email in error, please immediately notify us by return email or telephone if the sender's phone number is listed above, then promptly and permanently delete this message.

While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

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

)

Page 13 of 24

Incident ID	
District RP	
Facility ID	
Application ID	

# **Release Notification**

## **Responsible Party**

Responsible Party Hilcorp Energy Company	OGRID 372171		
Contact Name Kandis Roland	Contact Telephone (713) 757-5246		
Contact email kroland@hilcorp.com	Incident # (assigned by OCD)		
Contact mailing address 382 Road 3100 Aztec NM 87410			

## **Location of Release Source**

Longitude -107.78875 (NAD 27 in decimal degrees to 5 decimal places)

Site Name Hamner 2E – BGT 1	Site Type Gas Well
Date Release Discovered N/A	API# (if applicable) 30-045-24689

Unit Letter	Section	Township	Range	County
K	28	29N	9W	San Juan

Surface Owner: State Federal Tribal Private (Name:

## Nature and Volume of Release

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

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

Cause of Release

No release was encountered during the BGT Closure.

Received by OCD:	3/14/2023	8:22:57 AM	of New Mexico
form C-141		State	of New Mexico

Page 2

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
🗌 Yes 🖾 No	N/A
If YES, was immediate no	otice 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:	Kandis Roland	Title:	Operations/Regu	latory Technician – Sr.	-
Signature:	Kandís Roland		Date:	3/14/2023	
email:	kroland@hilcorp.com		Telephone:	(713) 757-5246	
OCD Only					
Received by:		Date:			



December 20, 2022

Fasho Trujillo HILCORP ENERGY PO Box 4700 Farmington, NM 87499 TEL: (505) 564-0733 FAX:

RE: BGT Closure Hamner 2E 95

OrderNo.: 2212803

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Fasho Trujillo:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/14/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2212803

Date Reported: 12/20/2022

CLIENT:	HILCORP ENERGY
Project:	BGT Closure Hamner 2E 95
Lab ID:	2212803-001

Client Sample ID: 5 Point Composite Collection Date: 12/13/2022 9:33:00 AM

Matrix: MEOH (SOIL)

Received Date: 12/14/2022 7:30:00 AM

Analyses	Result	RL Qua	l Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	12/15/2022 10:11:33 AM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	12/15/2022 10:11:33 AM
Surr: DNOP	99.4	21-129	%Rec	1	12/15/2022 10:11:33 AM
EPA METHOD 300.0: ANIONS					Analyst: NAI
Chloride	ND	60	mg/Kg	20	12/16/2022 11:14:35 AM
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst: RAA
Benzene	ND	0.021	mg/Kg	1	12/14/2022 9:39:17 PM
Toluene	ND	0.042	mg/Kg	1	12/14/2022 9:39:17 PM
Ethylbenzene	ND	0.042	mg/Kg	1	12/14/2022 9:39:17 PM
Xylenes, Total	ND	0.084	mg/Kg	1	12/14/2022 9:39:17 PM
Surr: 1,2-Dichloroethane-d4	85.3	70-130	%Rec	1	12/14/2022 9:39:17 PM
Surr: 4-Bromofluorobenzene	91.0	70-130	%Rec	1	12/14/2022 9:39:17 PM
Surr: Dibromofluoromethane	97.0	70-130	%Rec	1	12/14/2022 9:39:17 PM
Surr: Toluene-d8	99.8	70-130	%Rec	1	12/14/2022 9:39:17 PM
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.2	mg/Kg	1	12/14/2022 9:39:17 PM
Surr: BFB	85.3	70-130	%Rec	1	12/14/2022 9:39:17 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 4

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\*

Client:	HILCO	ORP ENERGY								
Project:	BGT (	Closure Hamner 2E 9	95							
Sample ID:	D: MB-72139     SampType: mblk     TestCode: EPA Method 300.0: Anions									
Client ID:	PBS	Batch ID: 72	139	F	RunNo: <b>933</b>	60				
Prep Date:	12/16/2022	Analysis Date: 12	2/16/2022	5	SeqNo: <b>336</b>	57761	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5								
Sample ID:	LCS-72139	SampType: Ics		Tes	tCode: EPA	Method	300.0: Anions	;		
Client ID:	LCSS	Batch ID: 72	139	F	RunNo: <b>933</b>	60				
Prep Date:	12/16/2022	Analysis Date: 12	2/16/2022	5	SeqNo: <b>336</b>	7762	Units: mg/K	g		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		15 1.5	15.00	0	97.4	90	110			

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

WO#: 2212803 20-Dec-22 **Client:** 

**Project:** 

Sample ID: LCS-72066

# **QC SUMMARY REPORT** Hall Environmental Analysis Laboratory, Inc.

BGT Closure Hamner 2E 95

SampType: LCS4

HILCORP ENERGY

Client ID: BatchQC	Batch ID: 72066 RunNo: 93317				3317					
Prep Date: 12/13/2022	Analysis E	Date: 12	/14/2022	S	SeqNo: 33	863870	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.6	80	120			
Toluene	1.2	0.050	1.000	0	116	80	120			
Ethylbenzene	1.1	0.050	1.000	0	111	80	120			
Xylenes, Total	3.3	0.10	3.000	0	110	80	120			
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		91.2	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		93.1	70	130			
Surr: Dibromofluoromethane	0.47		0.5000		94.3	70	130			
Surr: Toluene-d8	0.54		0.5000		108	70	130			
Sample ID: mb-72066	SampT	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8260B: Volati	les Short	List	
Sample ID: mb-72066 Client ID: PBS		Гуре: <b>МЕ</b> h ID: <b>72(</b>			tCode: EF RunNo: 93		8260B: Volati	les Short	List	
		h ID: 720	)66	F		3317	8260B: Volati Units: mg/K		List	
Client ID: PBS	Batcl	h ID: 720	)66 /14/2022	F	RunNo: <b>9</b> 3	3317			L <b>ist</b> RPDLimit	Qual
Client ID: <b>PBS</b> Prep Date: <b>12/13/2022</b>	Batcl Analysis [	h ID: 720 Date: 12	)66 /14/2022	F	RunNo: <b>9</b> 3 SeqNo: <b>3</b> 3	3317 363871	Units: mg/K	g		Qual
Client ID: <b>PBS</b> Prep Date: <b>12/13/2022</b> Analyte	Batcl Analysis I Result	h ID: 720 Date: 12 PQL	)66 /14/2022	F	RunNo: <b>9</b> 3 SeqNo: <b>3</b> 3	3317 363871	Units: mg/K	g		Qual
Client ID: <b>PBS</b> Prep Date: <b>12/13/2022</b> Analyte Benzene	Batcl Analysis I Result ND	h ID: 720 Date: 12 PQL 0.025	)66 /14/2022	F	RunNo: <b>9</b> 3 SeqNo: <b>3</b> 3	3317 363871	Units: mg/K	g		Qual
Client ID: <b>PBS</b> Prep Date: <b>12/13/2022</b> Analyte Benzene Toluene	Batch Analysis E Result ND ND	h ID: 720 Date: 12 PQL 0.025 0.050	)66 /14/2022	F	RunNo: <b>9</b> 3 SeqNo: <b>3</b> 3	3317 363871	Units: mg/K	g		Qual
Client ID: <b>PBS</b> Prep Date: <b>12/13/2022</b> Analyte Benzene Toluene Ethylbenzene	Batch Analysis E Result ND ND ND	h ID: 720 Date: 12 PQL 0.025 0.050 0.050	)66 /14/2022	F	RunNo: <b>9</b> 3 SeqNo: <b>3</b> 3	3317 363871	Units: mg/K	g		Qual
Client ID: <b>PBS</b> Prep Date: <b>12/13/2022</b> Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Batch Analysis E Result ND ND ND ND	h ID: 720 Date: 12 PQL 0.025 0.050 0.050	066 /14/2022 SPK value	F	RunNo: 93 SeqNo: 33 %REC	3317 363871 LowLimit	Units: <b>mg/K</b> HighLimit	g		Qual
Client ID: <b>PBS</b> Prep Date: <b>12/13/2022</b> Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 1,2-Dichloroethane-d4	Batch Analysis E Result ND ND ND 0.47	h ID: 720 Date: 12 PQL 0.025 0.050 0.050	066 /14/2022 SPK value 0.5000	F	RunNo: 93 SeqNo: 33 %REC 93.3	3317 363871 LowLimit 70	Units: <b>mg/K</b> HighLimit 130	g		Qual

TestCode: EPA Method 8260B: Volatiles Short List

#### Qualifiers:

- Value exceeds Maximum Contaminant Level. \*
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J
- Sample pH Not In Range

- Analyte detected below quantitation limits
- Р
- RL Reporting Limit

WO#:	2212803				
	10 D 11				

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

	RP ENERGY losure Hamne		95								
Sample ID: LCS-72066	-72066 SampType: LCS				TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: LCSS	Batch ID: 72066			F	RunNo: <b>93</b>	3317					
Prep Date: 12/13/2022	Analysis Da	Analysis Date: 12/14/2022 SeqNo: 3363863				Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	70	130				
Surr: BFB	460		500.0		91.5	70	130				
Sample ID: mb-72066	SampTy	SampType: MBLK TestCode: EPA Method				8015D Mod: (	Gasoline R	lange			
Client ID: PBS	Batch	Batch ID: 72066 RunNo: 93317									
Prep Date: 12/13/2022	Analysis Da	ate: 12	2/14/2022	22 SeqNo: 336386			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	ND	5.0									
Surr: BFB	450		500.0		89.6	70	130				

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

WO#: 2212803 20-Dec-22

HALL ENVIRONMENTAL ANALYSIS LABORATORY	TEL	-	901 Hawk rque, NM X: 505-342	ins NE 87109 <b>Sa</b> l 5-4107	Sample Log-In Check List			
Client Name: HILCORP ENERG	SY Work	Order Number: 22	12803		RcptNo	: 1		
Received By: Cheyenne Caso	n 12/14/20	)22 7:30:00 AM		Chent S-4				
Completed By: Sean Livingston	12/14/20	022 8:01:54 AM		Sal	not			
Reviewed By: TMC	12/14/2	L			v			
Chain of Custody								
1. Is Chain of Custody complete?		Ye	s 🗹	No 🗌	Not Present			
2. How was the sample delivered?		<u>Cc</u>	ourier					
Log In		X		No 🗌				
3. Was an attempt made to cool the	samples?	Ye	s 🗹	NO L				
4. Were all samples received at a te	mperature of >0° C t	o 6.0°C Ye	s 🔽	No 🗌	NA 🗌			
5. Sample(s) in proper container(s)?		Ye	s 🗸	No 🗌				
6. Sufficient sample volume for indic	ated test(s)?	Ye	s 🗹	No 🗌				
7. Are samples (except VOA and Of	IG) properly preserve	d? Ye	s 🗹	No 🗌				
8. Was preservative added to bottles	\$?	Ye	s 🗌	No 🗹	NA 🗌			
9. Received at least 1 vial with head	space <1/4" for AQ V	OA? Ye	s 🗆	No 🗌	NA 🗹			
10. Were any sample containers rece	eived broken?	Ye	s 🗆	No 🗹	# of preserved	/		
11. Does paperwork match bottle labe (Note discrepancies on chain of c		Ye	s 🗹	No 🗌	for pH:	r/>12 unless noted)		
12. Are matrices correctly identified o		Ye	s 🔽	No 🗌	Adjusted?			
13. Is it clear what analyses were req		Ye	_	No 🗌		4.		
14. Were all holding times able to be (If no, notify customer for authoriz	met?	Ye	s 🗹	No 🗌	Checked by:	12.14-22		
					the second se			
Special Handling (if applicab 15. Was client notified of all discrepa		Ye	es 🗌	No 🗌	NA 🗹			
Person Notified:		Date:			1			
By Whom:			Mail 📋	Phone   Fax	🗸 🗌 In Person			
Regarding:								
Client Instructions:								
16. Additional remarks:								
17. Cooler Information								
	dition Seal Intact	Seal No Seal	Date	Signed By				
1 0.4 Good								

Page 20 of 24

# Released to Imaging: 3/14/2023 11:08:22 AM

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.

•

Hamner 2E 3004524689 BGT # 1 Closure Photos





12/14/22, 9:30 am. BGT Soil Samples Taken



Released to Imaging: 3/14/2023 11:08:22 AM

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:		
HILCORP ENERGY COMPANY	372171		
1111 Travis Street	Action Number:		
Houston, TX 77002	196678		
	Action Type:		
	[C-144] Below Grade Tank Plan (C-144B)		

#### CONDITIONS

Created By		Condition Date
jburdine	None	3/14/2023

Page 24 of 24

Action 196678