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.

Proposed Alternative Method Permit or Closure Plan Application

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			
 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. <u>Siting Criteria (regarding permitting)</u> : 19.15.17.10 NMAC <i>Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accept material are provided below.</i> Siting criteria does not apply to drying pads or above-grade tanks.	otable source		
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			
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			
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.	☐ Yes ☐ No		
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image			
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		

- 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 				
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				
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			
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the do 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.	ocuments are			
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 and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:	.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 and 19.15.17.13 NMAC	.15.17.9 NMAC			

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 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 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 ₂ S, 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	documents are		
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 Files.	luid 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			
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) 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. □ 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	attached to the		
15. <u>Siting Criteria (regarding on-site closure methods only)</u> : 19.15.17.10 NMAC <u>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.</u>			
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 \[\sum_{NA} \] Yes \sum_{NA} \] \[\sum_{NA} \]			
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			

1 . 1 NMCA 1070 C 2 27 2				
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 El	☐ Yes ☐ No			
Within an unstable area. - Engineering measures incorporated into the design; NM Bur Society; Topographic map	reau of Geology & Mineral Resources; USGS; NM Geological			
Within a 100-year floodplain.		Yes No		
- FEMA map		Yes No		
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 19.15.17.13 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				
17. Operator Application Certification:				
I hereby certify that the information submitted with this application	•			
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:	Approval Date:08/0	1/2024		
Title: Environmental Scientist & Specialist-A	OCD Permit Number:BGT1			
19. Closure Report (required within 60 days of closure completion): Instructions: Operators are required to obtain an approved closur. The closure report is required to be submitted to the division within section of the form until an approved closure plan has been obtain	re plan prior to implementing any closure activities and submittin n 60 days of the completion of the closure activities. Please do no	ot complete this		
20. Closure Method: ☐ Waste Excavation and Removal ☐ On-Site Closure Method	☐ Alternative Closure Method ☐ Waste Removal (Closed-			
If different from approved plan, please explain.	(e.com	loop systems only)		

22.		
Operator Closure Certification:		
I hereby certify that the information and attachments submitted with the		
belief. I also certify that the closure complies with all applicable closure	re requirements a	nd conditions specified in the approved closure plan.
Name (Print): Tammy Jones	Title:	Operations/Regulatory Technician – Sr
Signature: Tammy Jones		Date: <u>08/01/2024</u>
e-mail address: tajones@hilcorp.com	Telephone:	(505) 324-5185

Hilcorp Energy Company San Juan Basin Below Grade Tank Closure Report

Lease Name: MCMANUS 10 API No.: 30-045-05564

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:

1. 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.

2. 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, certified mail. (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.

6/4/2024

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)

Tammy Jones

From: Tammy Jones

Sent: Monday, April 15, 2024 11:18 AM

To: Abiodun Adeloye; Victoria Venegas (Victoria.Venegas@emnrd.nm.gov); Brandon Sinclair; Clara

Cardoza; Mitch Killough; Samantha Grabert; Kate Kaufman; Ben Mitchell; Ramon Hancock; Lisa

Jones; Travis Munkres; Clayton Hamilton; Matthew Esz; James Osborn; John LaMond;

Farmington Regulatory Techs

Subject: 72 Hour BGT Closure Notification – MCMANUS 10 (API# 30-045-05564)

Attachments: McManus 10 BGT Approved.pdf

Subject: 72 Hour BGT Closure Notification

Anticipated Start Date: Tuesday, 04/23/2024 at 10:00 AM 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: MCMANUS 10

API#: 30-045-05564

Location: Unit A, Section 04, T25N, R08W

Footages: 1059' FNL & 1154' FEL

Operator: Hilcorp Energy Surface Owner: FEDERAL

Reason: Well will be P&A'd.

Please Note Required Photos for Closure

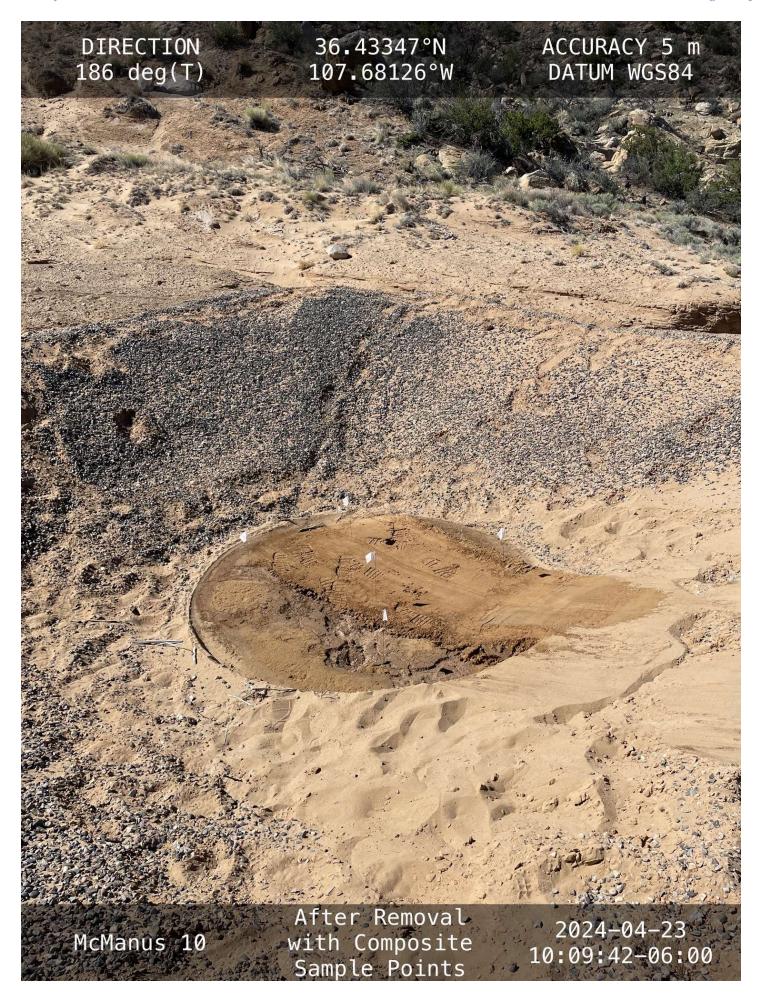
- Well site placard
- Photos of the BGT prior to closure
- The sample location or, more preferred, photos of actual sample collection
- Final state of the area after closure.
- Photos will require captioning including direction of photo, date and time of photo and a description of the image contents.

Thanks,

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







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

		resp		'	
Responsible Party Hilcorp Energy Company OGRID		372171			
Contact Name Tar	Contact Name Tammy Jones Contact To		elephone: (505) 324-5185		
Contact email taj	Contact email tajones@hilcorp.com Incident #			(assigned by OCD)	
Contact mailing addr	ess 382 Road 3100	Aztec NM 8741	0		
		Location	of Release So	ource	
Latitude 36.43	3379	(NAD 83 in dec	Longitude _ imal degrees to 5 decim	-107.68089 nal places)	
Site Name MCMAN	US 10		Site Type	Gas Well	
Date Release Discove	red N/A		API# (if app	licable) 3004505564	
Unit Letter Section	n Township	Range	Coun	ty	
A 4	25N	8W	San Ju	lan	
Surface Owner: St	ate ⊠ Federal 🗌 Tı		Jame:	Release	
Ma	terial(s) Released (Select a	I that annly and attach (calculations or specific	justification for the volumes provided below)	
Crude Oil	Volume Release	11.7	calculations of specific	Volume Recovered (bbls)	
Produced Water	Volume Release	Volume Released (bbls)		Volume Recovered (bbls)	
Is the concentration of dissolved chloride in the produced water >10,000 mg/l?		nloride in the	☐ Yes ☐ No		
Condensate	Volume Release	Volume Released (bbls)		Volume Recovered (bbls)	
☐ Natural Gas	Volume Release	Volume Released (Mcf)		Volume Recovered (Mcf)	
Other (describe)	r (describe) Volume/Weight Released (provide units)		Volume/Weight Recovered (provide units)		
Cause of Release				<u> </u>	
No release was encoun	tered during the BGT	Closure.			

Received by OCD: 8/1/2024 7:34:59 AM State of New Mexico
Page 2 Oil Conservation Division

Page	15	n	F 2⊿
I uge	LU	v_{j}	_57

Incident ID	
District RP	
Facility ID	
Application ID	

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 n	najor release?
Yes No	N/A			
☐ Fes ☐ No	IV/A			
If YES, was immediate no	otice given to the OCD? By who	m? To whom?	When and by what me	eans (phone, email, etc)?
Not Required				
	Ir	nitial Respo	nse	
The responsible p	party must undertake the following action	ıs immediately unless	s they could create a safety	hazard that would result in injury
☐ The source of the rele	ase has been stopped.			
_	s been secured to protect human			
	ve been contained via the use of		-	er containment devices.
<u> </u>	coverable materials have been red above have not been undertaken		aged appropriately.	
if all the actions described	i above have <u>not</u> been undertaken	n, explain why.		
has begun, please attach a		f remedial efforts	s have been successful	er discovery of a release. If remediation lly completed or if the release occurred needed for closure evaluation
				erstand that pursuant to OCD rules and
regulations all operators are	required to report and/or file certain	release notification	ns and perform corrective	e actions for releases which may endanger or of liability should their operations have
failed to adequately investiga	ate and remediate contamination that	t pose a threat to gr	roundwater, surface wate	r, human health or the environment. In
addition, OCD acceptance of and/or regulations.	a C-141 report does not relieve the	operator of respons	sibility for compliance w	rith any other federal, state, or local laws
Printed Name:	Tammy Jones	Title:	Operations/Regul	atory Technician – Sr.
Signature: Tammy	Jones	Date: <u>(</u>	06/04/2024	
email:	tajones@hilcorp.com		Telephone:	(505) 324-5185
OCD Only				
Received by:		Date	::	

PREPARED FOR

Attn: Samantha Grabert Hilcorp Energy PO BOX 4700 Farmington, New Mexico 87499

Generated 5/6/2024 11:38:57 AM

JOB DESCRIPTION

McManus 10

JOB NUMBER

885-3408-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109

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 5/6/2024 11:38:57 AM

Authorized for release by Andy Freeman, Business Unit Manager andy.freeman@et.eurofinsus.com (505)345-3975

Page 2 of 15 5/6/2024

Laboratory Job ID: 885-3408-1

Client: Hilcorp Energy Project/Site: McManus 10

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Definitions/Glossary

Client: Hilcorp Energy Job ID: 885-3408-1

Project/Site: McManus 10

Glossary

MDC

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)

Minimum Detectable Concentration (Radiochemistry) MDL Method Detection Limit MLMinimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present PQL Practical Quantitation Limit

PRES Presumptive Quality Control QC

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

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

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Case Narrative

Client: Hilcorp Energy Job ID: 885-3408-1 Project: McManus 10

Job ID: 885-3408-1 Eurofins Albuquerque

Job Narrative 885-3408-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 4/25/2024 6:45 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 3.7°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.

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Client Sample Results

Client: Hilcorp Energy Job ID: 885-3408-1

Project/Site: McManus 10

Di-n-octyl phthalate (Surr)

Released to Imaging: 8/1/2024 2:33:50 PM

Analyte

Chloride

Client Sample ID: Bottom Comp 4'

Date Collected: 04/23/24 10:15 Date Received: 04/25/24 06:45 Lab Sample ID: 885-3408-1

05/01/24 12:46

Prepared

D

05/01/24 23:44

Analyzed

05/05/24 03:39

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7	mg/Kg		04/26/24 14:10	04/29/24 21:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 244			04/26/24 14:10	04/29/24 21:40	1
Method: SW846 8021B - Volatile (Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		04/26/24 14:10	04/29/24 21:40	1
Ethylbenzene	ND		0.047	mg/Kg		04/26/24 14:10	04/29/24 21:40	1
Toluene	ND		0.047	mg/Kg		04/26/24 14:10	04/29/24 21:40	1
Xylenes, Total	ND		0.095	mg/Kg		04/26/24 14:10	04/29/24 21:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		39 - 146			04/26/24 14:10	04/29/24 21:40	1
Method: SW846 8015D - Diesel R	ange Organics	(DRO) (GC	2)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		05/01/24 12:46	05/01/24 23:44	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		05/01/24 12:46	05/01/24 23:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

62 - 134

RL

5.0

Unit

mg/Kg

98

ND

Result Qualifier

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Dil Fac

Dil Fac

Job ID: 885-3408-1

04/29/24 20:07

Prep Type: Total/NA

04/26/24 14:10

Client: Hilcorp Energy Project/Site: McManus 10

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

Lab Sample ID: MB 885-3979/1-A Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Solid Analysis Batch: 4103

Gasoline Range Organics [C6 - C10]

Prep Batch: 3979 MB MB Analyte Result Qualifier RL Unit D Prepared Analyzed

MB MB

ND

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 96 15 - 244 04/26/24 14:10 04/29/24 20:07

5.0

mg/Kg

Lab Sample ID: LCS 885-3979/3-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 4103

Prep Batch: 3979 Spike LCS LCS %Rec

Analyte Added Result Qualifier Unit %Rec Limits 25.0 26.8 107 Gasoline Range Organics [C6 mg/Kg 70 - 130

C10]

LCS LCS

Surrogate %Recovery Qualifier Limits 15 - 244 4-Bromofluorobenzene (Surr) 212

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-3979/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 4104

MB MB Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac ND 0.025 04/26/24 14:10 04/29/24 20:07 Benzene mg/Kg Ethylbenzene ND 0.050 mg/Kg 04/26/24 14:10 04/29/24 20:07 Toluene NΠ 0.050 04/26/24 14:10 04/29/24 20:07 mg/Kg Xylenes, Total ND 0.10 mg/Kg 04/26/24 14:10 04/29/24 20:07

MB MB

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 4-Bromofluorobenzene (Surr) 39 - 146 04/26/24 14:10 04/29/24 20:07 95

Lab Sample ID: LCS 885-3979/4-A Client Sample ID: Lab Control Sample **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 4104 Prep Batch: 3979

	Spike	LCS	LCS			%Rec	
Analyte	Added	Result	Qualifier I	Unit [NRec	Limits	
Benzene	1.00	0.980		mg/Kg	98	70 - 130	
Ethylbenzene	1.00	0.925	1	mg/Kg	93	70 - 130	
m&p-Xylene	2.00	1.89	1	mg/Kg	95	70 - 130	
o-Xylene	1.00	0.927	1	mg/Kg	93	70 - 130	
Toluene	1.00	0.920	1	mg/Kg	92	70 - 130	
Xylenes, Total	3.00	2.82	1	mg/Kg	94	70 - 130	

LCS LCS

Surrogate Qualifier %Recovery Limits 39 - 146 4-Bromofluorobenzene (Surr) 100

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Prep Batch: 3979

Spike

Added

0.943

0.943

1.89

0.943

0.943

2.83

Job ID: 885-3408-1 Client: Hilcorp Energy

MS

0.861

0.839

1.68

0.819

0.828

2.50

mg/Kg

mg/Kg

Project/Site: McManus 10

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

Sample

Result

ND

ND

ND

ND

ND

ND

Sample

Qualifier

Lab Sample ID: 885-3408-1 MS **Matrix: Solid**

Analysis Batch: 4104

Analyte

Benzene

o-Xylene

Toluene

Ethylbenzene

m&p-Xylene

Xylenes, Total

Client Sample ID: Bottom Comp 4'

Prep Type: Total/NA Prep Batch: 3979

MS Result Qualifier %Rec Limits Unit mg/Kg 91 70 - 130 mg/Kg 89 70 - 130 70 - 130 mg/Kg 88 mg/Kg 87 70 - 130

87

88

MS MS

%Recovery Qualifier Limits Surrogate 39 - 146 4-Bromofluorobenzene (Surr) 96

Lab Sample ID: 885-3408-1 MSD Client Sample ID: Bottom Comp 4'

Matrix: Solid

Analysis Batch: 4104

70 - 130

70 - 130

Prep Type: Total/NA

Prep Batch: 3979

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		0.947	0.899		mg/Kg		95	70 - 130	4	20
Ethylbenzene	ND		0.947	0.859		mg/Kg		91	70 - 130	2	20
m&p-Xylene	ND		1.89	1.71		mg/Kg		89	70 - 130	2	20
o-Xylene	ND		0.947	0.841		mg/Kg		89	70 - 130	3	20
Toluene	ND		0.947	0.849		mg/Kg		88	70 - 130	2	20
Xylenes, Total	ND		2.84	2.56		mg/Kg		89	70 - 130	2	20

MSD MSD

Qualifier Surrogate %Recovery Limits 4-Bromofluorobenzene (Surr) 96 39 - 146

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

Lab Sample ID: MB 885-4189/1-A

Matrix: Solid

Analysis Batch: 4251

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

Prep Batch: 4189

Analyte Qualifier RL Unit D Prepared Analyzed Dil Fac Result Diesel Range Organics [C10-C28] 10 05/01/24 12:46 05/01/24 16:13 ND mg/Kg Motor Oil Range Organics [C28-C40] ND 50 mg/Kg 05/01/24 12:46 05/01/24 16:13

MB MB

MB MB

Qualifier I imits Prepared Dil Fac Surrogate %Recovery Analyzed 05/01/24 12:46 Di-n-octyl phthalate (Surr) 99 62 - 134 05/01/24 16:13

Lab Sample ID: LCS 885-4189/2-A

Released to Imaging: 8/1/2024 2:33:50 PM

Matrix: Solid

Analysis Batch: 4251

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 4189

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits 50.0 49.2 98 60 - 135 Diesel Range Organics mg/Kg

[C10-C28]

LCS LCS

Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 98 62 - 134

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy Job ID: 885-3408-1

Project/Site: McManus 10

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-79937/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 79956

MB MB RL Dil Fac Analyte Result Qualifier Unit D Prepared Analyzed Chloride ND 5.0 mg/Kg 05/05/24 02:49

Lab Sample ID: LCS 880-79937/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 79956

Spike LCS LCS %Rec Added Qualifier Analyte Result Unit D %Rec Limits Chloride 250 239 mg/Kg 95 90 - 110

Lab Sample ID: LCSD 880-79937/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 79956

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit Limits **RPD** Limit Chloride 250 238 90 - 110 20 mg/Kg

QC Association Summary

Client: Hilcorp Energy Job ID: 885-3408-1

Project/Site: McManus 10

GC VOA

Prep Batch: 3979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3408-1	Bottom Comp 4'	Total/NA	Solid	5030C	
MB 885-3979/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-3979/3-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-3979/4-A	Lab Control Sample	Total/NA	Solid	5030C	
885-3408-1 MS	Bottom Comp 4'	Total/NA	Solid	5030C	
885-3408-1 MSD	Bottom Comp 4'	Total/NA	Solid	5030C	

Analysis Batch: 4103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3408-1	Bottom Comp 4'	Total/NA	Solid	8015D	3979
MB 885-3979/1-A	Method Blank	Total/NA	Solid	8015D	3979
LCS 885-3979/3-A	Lab Control Sample	Total/NA	Solid	8015D	3979

Analysis Batch: 4104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3408-1	Bottom Comp 4'	Total/NA	Solid	8021B	3979
MB 885-3979/1-A	Method Blank	Total/NA	Solid	8021B	3979
LCS 885-3979/4-A	Lab Control Sample	Total/NA	Solid	8021B	3979
885-3408-1 MS	Bottom Comp 4'	Total/NA	Solid	8021B	3979
885-3408-1 MSD	Bottom Comp 4'	Total/NA	Solid	8021B	3979

GC Semi VOA

Prep Batch: 4189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3408-1	Bottom Comp 4'	Total/NA	Solid	SHAKE	
MB 885-4189/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-4189/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 4251

Lab Sample ID 885-3408-1	Client Sample ID Bottom Comp 4'	Prep Type Total/NA	Matrix Solid	Method 8015D	Prep Batch 4189
MB 885-4189/1-A	Method Blank	Total/NA	Solid	8015D	4189
LCS 885-4189/2-A	Lab Control Sample	Total/NA	Solid	8015D	4189

HPLC/IC

Leach Batch: 79937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3408-1	Bottom Comp 4'	Soluble	Solid	DI Leach	
MB 880-79937/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-79937/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-79937/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 79956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-3408-1	Bottom Comp 4'	Soluble	Solid	300.0	79937
MB 880-79937/1-A	Method Blank	Soluble	Solid	300.0	79937
LCS 880-79937/2-A	Lab Control Sample	Soluble	Solid	300.0	79937
LCSD 880-79937/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	79937

Eurofins Albuquerque

Lab Chronicle

Client: Hilcorp Energy Job ID: 885-3408-1

Project/Site: McManus 10

Date Received: 04/25/24 06:45

Client Sample ID: Bottom Comp 4'

Lab Sample ID: 885-3408-1 Date Collected: 04/23/24 10:15

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			3979	JR	EET ALB	04/26/24 14:10
Total/NA	Analysis	8015D		1	4103	JP	EET ALB	04/29/24 21:40
Total/NA	Prep	5030C			3979	JR	EET ALB	04/26/24 14:10
Total/NA	Analysis	8021B		1	4104	JP	EET ALB	04/29/24 21:40
Total/NA	Prep	SHAKE			4189	PD	EET ALB	05/01/24 12:46
Total/NA	Analysis	8015D		1	4251	JU	EET ALB	05/01/24 23:44
Soluble	Leach	DI Leach			79937	SA	EET MID	05/03/24 13:21
Soluble	Analysis	300.0		1	79956	SMC	EET MID	05/05/24 03:39

Laboratory References:

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

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-3408-1

Project/Site: McManus 10

Laboratory: Eurofins Albuquerque

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

hority	Progr	am	Identification Number	Expiration Date
w Mexico	State		NM9425, NM0901	02-26-25
,	are included in this report, but oes not offer certification.	ut the laboratory is not certif	fied by the governing authority. This lis	t may include analyte
Analysis Method	Prep Method	Matrix	Analyte	
8015D	5030C	Solid	Gasoline Range Organics	[C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C	10-C28]
8015D	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	
jon	NELA	P	NM100001	02-26-25

Laboratory: Eurofins Midland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date	
Texas	NELAP	T104704400-23-26	06-30-24	

Eurofins Albuquerque

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Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-3408-1

Login Number: 3408 List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	True	
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.	False	Sample splitting required for subcontract purposes.
Residual Chlorine Checked.	N/A	

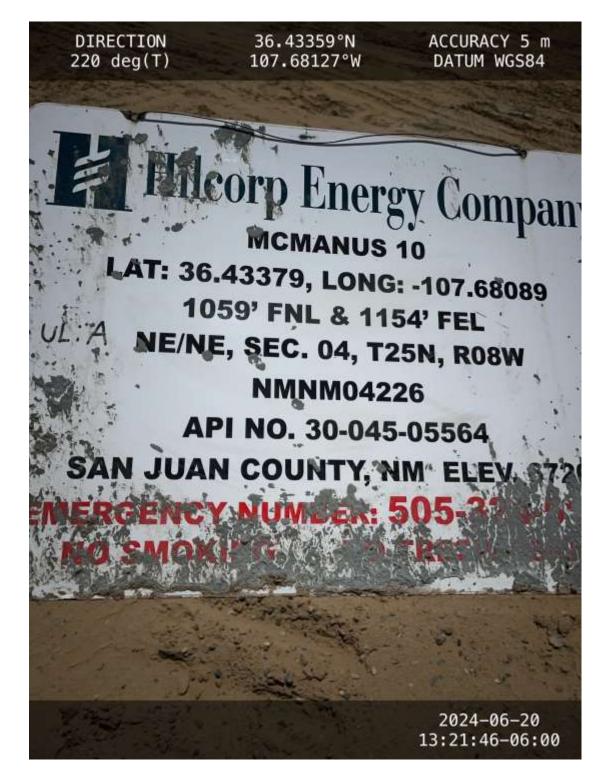
Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-3408-1

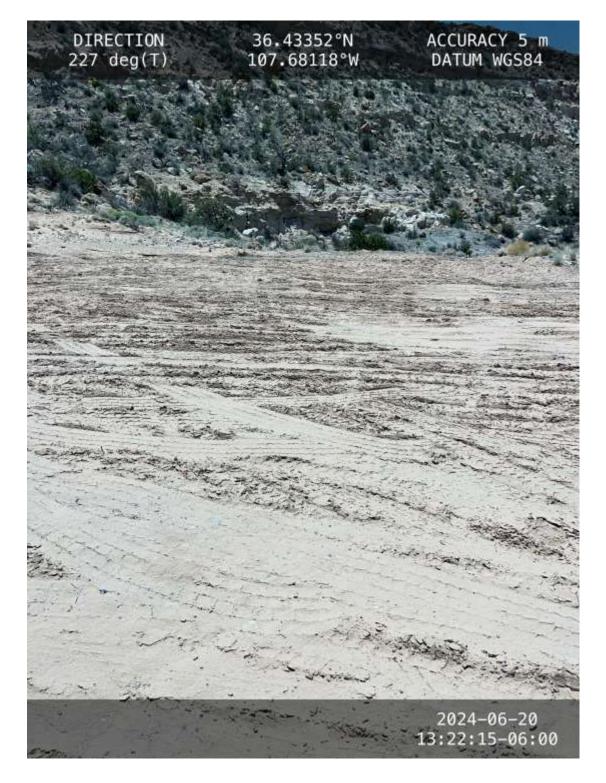
Login Number: 3408 **List Source: Eurofins Midland** List Number: 2 List Creation: 05/03/24 11:32 AM

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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").	N/A	







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

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

Action 369208

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	369208
	Action Type:
	[C-144] Below Grade Tank Plan (C-144B)

CONDITIONS

Created By	Condition	Condition Date
joel.stone	None	8/1/2024