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.

<u>Pit, Below-Grade Tank, or</u> Proposed Alternative Method Permit or Closure Plan Application

	Type of ac	ction: [Below grade tank Permit of a pit or		native method			
	BGT1		Closure of a pit, b Modification to a	elow-grade tan	k, or proposed		native method	
	or propose	d alterna	Closure plan only				d or non-permitted p	it, below-grade tank,
			tive method	m (Form C 144)	nan individual r	nit hal	low-grade tank or alte	matina naguast
Place he adviced th							_	ce water, ground water or the
								ty's rules, regulations or ordinances.
1. Operator:	Hilcorp E	nergy Con	npany		OG	RID#	±: 372	2171
_	_		Aztec, NM 87410		_			
Facility or well na	ame:	NV Nava	о 24 1					
API Number:	30-045-31	390		OCD Per	mit Number:			
Center of Propose	ed Design: I	atitude	36.717539		_Longitude	-	108.255911	NAD83
Surface Owner: [Federal _	State	Private X Tribal Tru	st or Indian Allot	tment			
2.								
☐ <u>Pit</u> : Subsect	tion F, G or J	of 19.15	.17.11 NMAC					
Temporary: I	Orilling 🔲 V	Vorkover						
Permanent	Emergency	☐ Cavit	ation P&A M	ulti-Well Fluid M	Ianagement		Low Chloride Drillir	ng Fluid 🗌 yes 🗌 no
					-		Other	· ·
☐ String-Reinfo		31			_			
-		Factory [Other		Volume:		_bbl Dimensions: L	x W x D
3.								
⊠ Below-grade	tank: Sub	section I o	of 19.15.17.11 NMAC					
Volume:	21	bbl ~	Type of fluid:	Produced Wat	ter			
Tank Constructio	n material: _		Steel					
☐ Secondary co	ontainment w	ith leak d	etection Visible s	idewalls, liner, 6-	inch lift and aut	tomati	c overflow shut-off	
			sible sidewalls only					
			mil HDPE					
4.								
Alternative M	Method:							
Submittal of an e	xception requ	uest is req	uired. Exceptions mu	st be submitted to	o the Santa Fe E	Enviror	nmental Bureau office	for consideration of approval.
5.	.: B 610	15 15 11	NR f A C (A - III					
·			NMAC (Applies to per	_				
institution or chu	rch)					1000 fe	eet of a permanent resi	idence, school, hospital,
		nds of barl	bed wire evenly spaced	d between one an	d four feet			
Alternate. Ple	ease specify_							

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.	
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 acceptance are provided below. 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
<u>Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.</u> NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☑ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks) - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Yes No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
 Within an unstable area. (Does not apply to below grade tanks) Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	☐ Yes ☐ No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
<u>Temporary Pit using Low Chloride Drilling Fluid</u> (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

	_
 Within 100 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa	
lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.	
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 Naturations: 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 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.12 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:	O 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 do 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 and 19.15.17.13 NMAC Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	
Previously Approved Design (attach copy of design) API Number: or Permit Number:	

_		
	Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the	documents are
	attached.	weamens are
	☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	
	☐ Climatological Factors Assessment	
	☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC	
	☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC	
	Quality Control/Quality Assurance Construction and Installation Plan	
	☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	
	☐ Nuisance or Hazardous Odors, including H 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	
Ī	13. Proposed Closure: 19.15.17.13 NMAC	
	Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.	
	Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well F	uid Management Pit
	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	
Ī	14. Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be a	attached to the
	closure plan. Please indicate, by a check mark in the box, that the documents are attached.	nucheu to the
	 ✓ 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	
Ī	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. F 19.15.17.10 NMAC for guidance.	lease refer to
	Ground water is less than 25 feet below the bottom of the buried waste.	☐ Yes ☐ No
	- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	□ 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
	Ground water is more than 100 feet below the bottom of the buried waste.	☐ Yes ☐ No
	- 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	∐ NA
	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.	☐ Yes ☐ No
	- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	les li 10
	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.	Yes No
	- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	
	Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 300 feet of a westland	Yes No
	Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
	Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality;		
	Written approval obtained from the municipality	√ Yes □ No
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM E.	MNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bur Society; Topographic map	reau of Geology & Mineral Resources; USGS; N	
Within a 100-year floodplain.		Yes No
- FEMA map		☐ Yes ☐ No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instruction by a check mark in the box, that the documents are attached. □ Siting Criteria Compliance Demonstrations - based upon the appropriate r □ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate require □ Construction/Design Plan of Temporary Pit (for in-place buris □ Protocols and Procedures - based upon the appropriate require □ Confirmation Sampling Plan (if applicable) - based upon the appropriate re □ Disposal Facility Name and Permit Number (for liquids, drilli □ Soil Cover Design - based upon the appropriate requirements □ Re-vegetation Plan - based upon the appropriate requirements □ Site Reclamation Plan - based upon the appropriate requirements	appropriate requirements of 19.15.17.10 NMAC requirements of Subsection E of 19.15.17.13 NM ased upon the appropriate requirements of Subsectial of a drying pad) - based upon the appropriate rements of 19.15.17.13 NMAC appropriate requirements of 19.15.17.13 NMAC requirements of 19.15.17.13 NMAC ling fluids and drill cuttings or in case on-site clos of Subsection H of 19.15.17.13 NMAC so of Subsection H of 19.15.17.13 NMAC	MAC ction K of 19.15.17.11 NMAC requirements of 19.15.17.11 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)	Report Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: Jaclyn Burdine	Approv	val Date: 11/8/2022
Title: Environmental Specialist-A	OCD Permit Number: BGT	`1
Closure Report (required within 60 days of closure completion):		ities and submitting the closure report
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	in 60 days of the completion of the closure activ	ities. Please do not complete this ted.
The closure report is required to be submitted to the division within	in 60 days of the completion of the closure activities have been completed and the closure activities have been completed. Closure Completion Date:	ities. Please do not complete this ted. 9/13/2022

22. Operator Closu	re Certification:							
I hereby certify t	hat the information and attachr	nents submitted with this closure repo	rt is true,	accu	rate and complet	te to the best of	of my knowle	edge and
		rith all applicable closure requirement						Ü
Name (Print):	Amanda Walker	Ti	le:		Operations/Reg	ulatory Techr	ician – Sr	
	$\sim 1/\Omega_{\star}V$	<u> </u>	<u>. </u>			-		
Signature:	A Water		Da	ate: _	11/8/2022			
e-mail address:	mwalker@hilcorp.com	Telephone:	(346) 237	<mark>7-2177</mark>			

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

Lease Name: NV Navajo 24 1

API No.: 30-<mark>045-31390</mark>

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

General Plan Requirements:

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

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

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

Notification is attached.

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

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

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

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

Revised 10/14/2015

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

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

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

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

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

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

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

A release was not determined for the above referenced well.

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

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

Revised 10/14/2015

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

Reclamation of the BGT shall be considered complete when:

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

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

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

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

Closure Report:

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

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

Mandi Walker

From: Mandi Walker

Sent: Wednesday, September 7, 2022 9:37 AM

To: Abiodun Adeloye; Ben Mitchell; Bobby Spearman; Brandon Sinclair; Chad Perkins;

Clara Cardoza; Jaclyn Burdine; Kandis Roland; I1thomas@blm.gov; Mandi Walker;

Mitch Killough; Ryan Joyner; Victoria Venegas

Cc: Christopher Bramwell

Subject: NV Navajo 24 1 - 72 hr BGT Closure Notice

Attachments: 30045313900000_NV NAVAJO 24 1_BGT PERMIT_OCD APPVD.pdf

Follow Up Flag: Follow up

Due By: Friday, October 7, 2022 8:00 AM

Flag Status: Flagged

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

Well Name: NV Navajo 24 1

API#: 30-045-31390 Location: A,24,29N,14W

Footages: 704' FNL & 1021' FEL

Operator: HEC Surface Owner: Tribal

Reason for Removal: P&A Location

Scheduled Date & Time of Start: Tuesday September 13th @ 8am

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

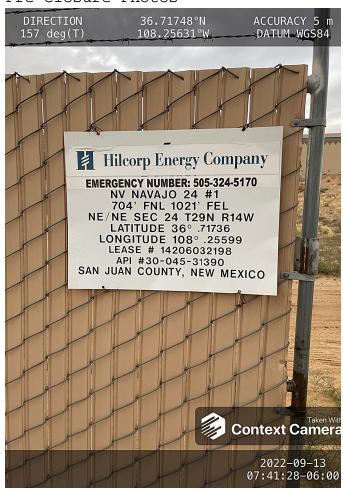
Final state of the area after closure.

Photos will require captioning including direction of photo, date and time of photo and a description of the image contents.

Mandi Walker

San Juan North/South (6,7) Regulatory Technician Hilcorp Energy 346.237.2177

mwalker@hilcorp.com









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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Hilcorp Energy Company				C	OGRID 372171				
Contact Nan	ne Aman	da Walker		C	Contact Te	Celephone (346) 237.2177			
Contact ema	il <u>mwall</u>	ker@hilcorp.com		Iı	Incident # (assigned by OCD)				
Contact mail	ling address	382 Road 3100	Aztec NM 87410)					
			Location o	of Relo	ease So	ource			
Latitude 3	6.717539		Longitud	de	-108.255	5911			
			(NAD 83 in decin						
Site Name N	V Navajo 24	4 1		Si	ite Type	Gas Well			
Date Release	Discovered	l N/A		A	PI# (if app	pplicable) 30-045-31390			
Unit Letter	Section	Township	Range		Coun				
A	24	29N	14W		San Ju	luan			
Courts as Ossura	🗆 🗆	□ Fadamil □ Tr	ibal Drivata (Na						
Surface Owne	r: State	☐ Federal 🖂 II	ribal Private (Na	ıme:)			
			Nature and	Volur	me of F	Release			
	Materia	al(s) Released (Select a	l that annly and attach ca	alculations	s or specific	c justification for the volumes provided below)			
Crude Oi		Volume Release	***		o or speeme,	Volume Recovered (bbls)			
Produced	Water	Volume Release	ed (bbls)			Volume Recovered (bbls)			
		Is the concentration	tion of dissolved chl	oride in	the	Yes No			
		produced water				W.I. D. 1411)			
Condensa		Volume Release				Volume Recovered (bbls)			
☐ Natural C	Gas	Volume Release	ed (Mcf)			Volume Recovered (Mcf)			
Other (de	escribe)	Volume/Weight	Released (provide u	units)		Volume/Weight Recovered (provide units)			
Cause of Rel	ease								
No release wa	s encounter	ed during the BGT	Closure.						

Received by OCD: 11/8/2022 7:04:37 AM State of New Mexico
Page 2 Oil Conservation Division

Pag	ge	13	of	<i>23</i>
				i

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 respon	sible party consider this a major release?
☐ Yes ⊠ No	N/A	
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
Not Required		
	Initial Re	sponse
The responsible p	party must undertake the following actions immediately	unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
☐ The impacted area ha	s been secured to protect human health and	he environment.
Released materials ha	we been contained via the use of berms or d	kes, absorbent pads, or other containment devices.
<u> </u>	ecoverable materials have been removed and	· · · · ·
If all the actions described	d above have <u>not</u> been undertaken, explain v	vhy:
has begun, please attach a	a narrative of actions to date. If remedial e	mediation immediately after discovery of a release. If remediation fforts have been successfully completed or if the release occurred ease attach all information needed for closure evaluation.
regulations all operators are public health or the environment failed to adequately investigations.	required to report and/or file certain release notified. The acceptance of a C-141 report by the Oate and remediate contamination that pose a threat	est of my knowledge and understand that pursuant to OCD rules and ications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have to groundwater, surface water, human health or the environment. In esponsibility for compliance with any other federal, state, or local laws
Printed Name: Amanda	Walker Title	e: Operations/Regulatory Technician – Sr.
Signature:	ubler	Date: <u>11/8/2022</u>
email: <u>mwalker@hilcor</u>	rp.com Telephone:	(346) 237.2177
OCD Only		
Received by:		Date:



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 2209640

September 21, 2022

Bobby Spearman HILCORP ENERGY PO Box 4700 Farmington, NM 87499

TEL: (505) 564-0733

FAX:

RE: NV Navajo 241 BGT Closure

Dear Bobby Spearman:

Hall Environmental Analysis Laboratory received 1 sample(s) on 9/14/2022 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 Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2209640

Date Reported: 9/21/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: BGT 5 Point

 Project:
 NV Navajo 241 BGT Closure
 Collection Date: 9/13/2022 8:08:00 AM

 Lab ID:
 2209640-001
 Matrix: SOIL
 Received Date: 9/14/2022 7:40:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/19/2022 5:25:17 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/19/2022 5:25:17 PM
Surr: DNOP	89.0	21-129	%Rec	1	9/19/2022 5:25:17 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	9/16/2022 2:13:58 PM
Surr: BFB	93.2	37.7-212	%Rec	1	9/16/2022 2:13:58 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	9/16/2022 2:13:58 PM
Toluene	ND	0.049	mg/Kg	1	9/16/2022 2:13:58 PM
Ethylbenzene	ND	0.049	mg/Kg	1	9/16/2022 2:13:58 PM
Xylenes, Total	ND	0.098	mg/Kg	1	9/16/2022 2:13:58 PM
Surr: 4-Bromofluorobenzene	89.5	70-130	%Rec	1	9/16/2022 2:13:58 PM
EPA METHOD 300.0: ANIONS					Analyst: NAI
Chloride	ND	60	mg/Kg	20	9/19/2022 7:23:55 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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2209640**

21-Sep-22

Client: HILCORP ENERGY

Project: NV Navajo 241 BGT Closure

Sample ID: MB-70272 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **70272** RunNo: **91150**

Prep Date: 9/19/2022 Analysis Date: 9/19/2022 SeqNo: 3261347 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-70272 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 70272 RunNo: 91150

Prep Date: 9/19/2022 Analysis Date: 9/19/2022 SeqNo: 3261348 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.7 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 Quantitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 2 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2209640 21-Sep-22**

Client: HILCORP ENERGY

Project: NV Navajo 241 BGT Closure

Sample ID: MB-70228 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 70228 RunNo: 91130 Prep Date: 9/16/2022 Analysis Date: 9/19/2022 SeqNo: 3260208 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Result LowLimit Diesel Range Organics (DRO) ND 15 Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 8.1 10.00 80.6 21 129

Sample ID: LCS-70228 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 70228 RunNo: 91130 Prep Date: 9/16/2022 Analysis Date: 9/19/2022 SeqNo: 3261176 Units: mg/Kg %REC Analyte **PQL** SPK value SPK Ref Val LowLimit HighLimit %RPD **RPDLimit** Qual

Diesel Range Organics (DRO) 39 15 50.00 0 78.1 64.4 127 Surr: DNOP 3.7 5.000 73.6 21 129

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 range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

SampType: LCS

WO#: **2209640**

21-Sep-22

Client: HILCORP ENERGY

Sample ID: Ics-70210

Project: NV Navajo 241 BGT Closure

Sample ID: mb-70210 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 70210 RunNo: 91087 Prep Date: 9/15/2022 Analysis Date: 9/16/2022 SeqNo: 3259400 Units: mq/Kq SPK Ref Val %RPD **RPDLimit** Analyte Result PQL SPK value %REC LowLimit HighLimit Qual Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 970 1000 96.7 37.7 212

LCSS Client ID: Batch ID: 70210 RunNo: 91087 Prep Date: Analysis Date: 9/16/2022 9/15/2022 SeqNo: 3259401 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC I owl imit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 24 25.00 95.6 72.3 137 Surr: BFB 1900 1000 188 37.7 212

TestCode: EPA Method 8015D: Gasoline Range

Sample ID: 2209640-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: **BGT 5 Point** Batch ID: 70210 RunNo: 91087 Prep Date: 9/15/2022 Analysis Date: 9/16/2022 SeqNo: 3259408 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result **PQL** LowLimit HighLimit Qual Gasoline Range Organics (GRO) 25 4.9 24.58 0 103 70 130 Surr: BFB 1900 983.3 197 37.7 212

Sample ID: 2209640-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: Batch ID: 70210 **BGT 5 Point** RunNo: 91087 Prep Date: 9/15/2022 Analysis Date: 9/16/2022 SeqNo: 3259409 Units: mg/Kg Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 26 5.0 24.90 106 70 130 3.47 20 Surr: BFB 2000 996.0 196 37.7 212 0 0

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 range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

0.87

WO#: **2209640**

21-Sep-22

Client: HILCORP ENERGY

Surr: 4-Bromofluorobenzene

Project: NV Navajo 241 BGT Closure

Sample ID: mb-70210	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 70210		RunNo: 91087							
Prep Date: 9/15/2022	Analysis Date: 9/16/2022		SeqNo: 3259422			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								

87.5

70

130

1.000

Sample ID: LCS-70210 SampType: LCS			TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 70210			RunNo: 91087						
Prep Date: 9/15/2022	Analysis [Date: 9/	16/2022	/2022 SeqNo: 3259423			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	86.1	80	120			
Toluene	0.91	0.050	1.000	0	90.7	80	120			
Ethylbenzene	0.90	0.050	1.000	0	90.0	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.9	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.9	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 range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

Sample Log-In Check List

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Client Name: HILCO	RP ENERGY	Work Order	Number: 2209640		RcptNo: 1		
Received By: Tracy	Casarrubias	9/14/2022 7:4	0:00 AM				
Completed By: Tracy	Casarrubias	9/14/2022 9:0	3:25 AM				
Reviewed By:	14/22						
Chain of Custody			12				
1. Is Chain of Custody co	omplete?		Yes 🗸	No 🗌	Not Present		
2. How was the sample of	delivered?		Courier				
<u>Log In</u>							
3. Was an attempt made	to cool the sampl	es?	Yes 🗸	No 🗌	NA 🗌		
4. Were all samples rece	ived at a temperat	ure of >0° C to 6.0°	C Yes ✓	No 🗌	NA 🗆		
5. Sample(s) in proper co	ontainer(s)?		Yes 🗸	No 🗌			
6. Sufficient sample volur	me for indicated te	st(s)?	Yes 🗸	No 🗌			
7. Are samples (except V	7. Are samples (except VOA and ONG) properly preserved?						
8. Was preservative adde	ed to bottles?		Yes	No 🔽	NA 🗆		
9. Received at least 1 via	I with headspace <	<1/4" for AQ VOA?	Yes	No 🗌	NA 🗹		
10. Were any sample conf	ainers received br	oken?	Yes	No 🔽	# of preserved		
Does paperwork match bottle labels? (Note discrepancies on chain of custody)				No 🗆	bottles checked for pH:	12 unless noted)	
2. Are matrices correctly			Yes 🗸	No 🗌	Adjusted?	, =,	
3. Is it clear what analyse		1	Yes 🗸	No 🗌		0 0 1/	
4. Were all holding times (If no, notify customer			Yes 🗸	No 🗌	checked by:	PC 9-10	
Special Handling (if							
15. Was client notified of a		vith this order?	Yes	No 🗌	NA 🗸		
Person Notified:		No. of the Control of	Date:				
By Whom:	The state of the s		Via: eMail [Phone Fax	In Person		
Regarding: Client Instruction	15.						
16. Additional remarks:							
 Cooler Information Cooler No Temp 	°C Condition	Seal Intact Seal	No Seal Date	Signed By			
1 2.1	Good	Yes		oigilou by			
2 0.1	Cood	V					

Received by OCD: 11/8/202	04:37 AM	Page 21 of 23
HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Request	CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent)	will be clearly notated on the analytical report.
HALL ANAL www.ha 4901 Hawkins NE Tel. 505-345-3975	PAHs by 8310 or 8270SIMS RCRA 8 Metals	cted data
H A w awkin 5-345	EDB (Method 504.1)	D-contra
901 H	8081 Pesticides/8082 PCB's	S:
84 T	BTEX / MTBE / TMB's (8021) (OAM / OAO / OAO) (021)	Remarks:
05%		His pos
me: Rush B677	Ager: A Yes No C (Including CF): 2.1 - 0 0.1 - C Preservative Type 2209(40)	Via: Courth Date Time A:40
Turn-Around Ti	Project Manager: Sampler: On Ice: # of Coolers: Cooler Temp(including cF): Container Preserva Type and # Type	Received by: Received by:
Chain-of-Custody Record Client: Hillory Environ Mailing Address: 287 c R 2100 Phone #: 505.599 803400	email or Fax#: The Fill of the Confidence of the	al may be subg

Received by OCD: 11/8/2022 7:04:37 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

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 156931

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	156931
	Action Type:
	[C-144] Below Grade Tank Plan (C-144B)

CONDITIONS

Created By		Condition Date
jburdine	None	11/8/2022