The application/form must be submitted via OCD's Online Permitting System at https://wwwapps.emnrd.nm.gov/OCD/OCDPermitting/Default.aspx.

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 For State Use Only: Registration #

> Form C-137 EZ Revised October 11, 2022

REGISTRATION/ FINAL CLOSURE REPORT FOR SMALL LANDFARM

Section 7 of 19.15.36 NMAC defines a small landfarm as a centralized landfarm of two acres or less that has a total capacity of 2000 cubic yards or less in a single lift of eight inches or less, remains active for a maximum of three years from the date of its registration and that receives only petroleum hydrocarbon-contaminated soils (excluding drill cuttings) that are exempt or non-hazardous waste. The operator shall operate only one active small landfarm per governmental section at any time.

										•				
Gl	ENERAL II	NFOR	MATION											
1. Small Landfarm Registration					 ∑ Small Landfarm Final Closure Report* (*Must be submitted within three years from the registration date) 									
2.	Operator:	Hilo	orp Energ	y Company	y									
	Address: _	1111	Travis Str	eet, Housto	on, T	X 77002								
	Contact Pe	rson:	Mitch Ki	llough					Pł	none:	713-75	7-5247		
3.	Location: _	NE	/4 _	SW	_/4	Section	29	Town	ship_	30N		Range _	9W	
RI	EGISTRAT	ION												
sta	1. As operator, are you the surface estate owner of the proposed site? Yes No If no, please attach a certification statement that demonstrates a written agreement is established with the surface estate owner authorizing the use of the site for the proposed small landfarm.													

A. Depth to ground water.

Yes

No small landfarm shall be located where ground water is less than 50 feet below the lowest elevation at which the
operator will place oil field waste.

Will the proposed small landfarm comply with the siting requirements of Subsections A and B of 19.15.36.13 NMAC?

- **B.** No surface waste management facility shall be located:
 - within 200 feet of a watercourse, lakebed, sinkhole or playa lake;
 - within an existing wellhead protection area or 100-year floodplain;
 - within, or within 500 feet of, a wetland;
 - within the area overlying a subsurface mine;
 - within 500 feet from the nearest permanent residence, school, hospital, institution or church in existence at the time of initial application; or
 - within an unstable area, unless the operator demonstrates that engineering measures have been incorporated into the surface waste management facility design to ensure that the surface waste management facility's integrity will not be compromised.
- 3. Attach a plat and topographic map showing the small landfarm's location in relation to governmental surveys (quarter-quarter section, township and range); highways or roads giving access to the small landfarm site; watercourses; fresh water sources, including wells and springs; oil and gas wells or other production facilities; and inhabited buildings within one mile of the site's perimeter.

Based on the information provided with this submittal, registration of a small landfarm can only be granted if the operator complies with the following understandings and conditions:

- The operator shall operate only one active small landfarm per governmental section at any time. No small landfarm shall be located more than one mile from the operator's nearest oil or gas well or other production facility.
- The operator shall accept only exempt or non-hazardous wastes consisting of soils (excluding drill cuttings) generated as a result of accidental releases from production operations, that are predominantly contaminated by petroleum hydrocarbons, do not contain free liquids, would pass the paint filter test and where testing shows chloride concentrations are 500 mg/kg or below.
 - The operator shall berm the landfarm to prevent rainwater run-on and run-off.
- The operator shall post a sign at the site readable from a distance of 50 feet and listing the operator's name; small landfarm registration number; location by unit letter, section, township and range; expiration date; and an emergency contact telephone number.
- The operator shall spread and disk contaminated soils in a single eight inch or less lift within 72 hours of receipt. The operator shall conduct treatment zone monitoring to ensure that the TPH concentration, as determined by EPA SW-846 method 8015M or EPA method 418.1 or other EPA method approved by the division, does not exceed 2500 mg/kg; and that the chloride

concentration, as determined by EPA method 300.1, does not exceed 500 mg/kg. The operator shall treat soils by disking at least once a month and by watering and adding bioremediation enhancing materials when needed.

- The operator shall maintain records reflecting the generator, the location of origin, the volume and type of oil field waste, the date of acceptance and the hauling company for each load of oil field waste received. The division shall post on its website each small landfarm's location, operator and registration date. In addition, the operator shall maintain records of the small landfarm's remediation activities in a form readily accessible for division inspection. The operator shall maintain all records for five years following the small landfarm's closure.
- The operator shall submit a final closure report on a form C-137 EZ, together with photographs of the closed site, to the environmental bureau in the division's Santa Fe office.

CERTIFICATION

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

Name:	Title:
Signature:	Date:
E-mail Address:	
OCD REGISTRATION: Approved. Date :	Denied. Date:
Comments:	
OCD Representative Signature:	
Title:	OCD Registration Number:
FINAL CLOSURE REPORT	
 chlorides, as determined by EPA method 300.1, shall not excertifyes, were the additional closure requirements listed below satisfies. The operator shall re-vegetate soils remediated to the closure paragraph (6) of Subsection A of 19.15.36.18 NMAC. If the operator returns remediated soils to the original site, or win with native soil to the standards in Paragraph (6) of Subsect. The operator shall remove berms on the small landfarm and buten the operator shall clean up the site and collect one vadose zon treatment zone, or in an area where liquids may have collected collected and analyzed using the methods specified above for the collected and analyzed using the methods specified above for the collected and analyzed using the methods specified above for the collected and analyzed using the methods specified above for the collected and analyzed using the methods specified above for the collected and analyzed using the methods specified above for the collected and analyzed using the methods specified above for the collected and analyzed using the methods specified above for the collected and analyzed using the methods specified above for the collected and analyzed using the methods specified above for the collected and analyzed using the methods specified above for the collected and analyzed using the methods specified above for the collected and analyzed using the methods are collected and analyzed using the methods. 	esults) 260B, shall not exceed 0.2 mg/kg; or 8260B, shall not exceed 50 mg/kg; PA method approved by the division, shall not exceed 2500 by EPA SW-846 method 8015M, shall not exceed 500 mg/kg; and ed 500 mg/kg. d? Yes No (Please provide photos) performance standards if left in place in accordance with with division permission, recycles them, re-vegetate the cell filled ion A of 19.15.36.18 NMAC; mildings, fences, roads and equipment; and he soil sample from three to five feet below the middle of the due to rainfall events; the vadose zone soil sample shall be TPH, BTEX and chlorides.
If no, were the landfarmed soils that have not or cannot be remediate removed to a division-approved surface waste management facility, (6) of Subsection A of 19.15.36.18 NMAC and re-vegetated?	and the cell filled in with native soil to the standards in Paragraph
CERTIFICATION I hereby certify that the information submitted with this final closure and belief.	e report is true, accurate and complete to the best of my knowledge
Name: Mitch Killough	Title: Environmental Specialist
Signature:	Date:9/6/2023
E-mail Address: mkillough@hilcorp.com	
OCD CLOSURE REVIEW: Closure Approved. Date:	Closure Denied. Date:
Comments:	
OCD Representative Signature:	
Title:	OCD Registration Number:

State of New Mexico Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham Governor

Sarah Cottrell Propst Cabinet Secretary

Adrienne Sandoval
Director, Oil Conservation Division



Todd E. Leahy, JD, PhDDeputy Secretary

October 15, 2021

Mr. Mitch Killough Hilcorp Energy Company 1111 Travis Street Houston, Texas 77002

RE: Small Registered Landfarm Approval
Hilcorp Energy Company
NM3-003 - Mansfield #11N Landfarm
NESW of Section 29, Township 30 North, Range 9 West, NMPM
San Juan County, New Mexico

Mr. Killough:

The Oil Conservation Division (OCD) has completed its review of Hilcorp Energy Company's (Hilcorp) registration application dated September 13, 20121 to construct and operate a small registered landfarm, referred to as Mansfield #11N, for the remediation of petroleum hydrocarbon-contaminated soils (excluding drill cuttings). The OCD hereby approves Hilcorp to construct and operate the registered small landfarm. Mansfield #11N, in compliance with the applicable requirements of 19.15.36.16 NMAC and with the following understanding and conditions:

- Hilcorp has proposed an area of 1.2 acres for their landfarm facility. The 1.2 acres shall incorporate the required landfarm cell berming to prevent rainwater run-on and run-off and a single lift of eight inches or less (approximately 1000 cubic yards per acre per eight-inch lift), as required of 19.15.36.7.A(5) NMAC; and
- Hilcorp shall achieve the following closure performance standards within three years
 from the registration date or shall remove landfarmed soils that have not or cannot be
 remediated to a division-approved surface waste management facility:
 - o benzene, as determined by EPA SW-846 method 8021 B or 8260B, shall not exceed 0.2 mg/kg (per 19.15.36.16.E(1)(a) NMAC);
 - o Total BTEX, as determined by EPA SW-846 method 8021 B or 8260B, shall not exceed 50 mg/kg (per 19.15.36.16.E(1)(b) NMAC);

Hilcorp Energy Company NM3 - 003 October 15, 2021 Page 2

- TPH, as determined by EPA SW-846 method 418.1 or the sum of GRO/DRO/MRO by EPA SW-846 method 8015M, shall not exceed 100 mg/kg (per Table I of 19.15.29.12 NMAC);
- o the GRO and DRO combined fraction, as determined by EPA SW-846 method 8015M, shall not exceed 500 mg/kg (per 19.15.36.16.E(1)(c) NMAC); and
- o chlorides, as determined by EPA method 300.1, shall not exceed 500 mg/kg (per 19.15.36.16.E(1)(d) NMAC).

If there are any questions, please do not hesitate to contact me at (505) 469-7486 or brad.a.jones@state.nm.us.

Respectfully,

Brad A. Jones

Environmental Specialist

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

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

For State Use Only: Registration #

> Form C-137 EZ Revised August 1, 2011

Submit 1 Copy to Santa Fe Office

REGISTRATION/ FINAL CLOSURE REPORT FOR SMALL LANDFARM

Section 7 of 19.15.36 NMAC defines a small landfarm as a centralized landfarm of two acres or less that has a total capacity of 2000 cubic yards or less in a single lift of eight inches or less, remains active for a maximum of three years from the date of its registration and that receives only petroleum hydrocarbon-contaminated soils (excluding drill cuttings) that are exempt or non-hazardous waste. The operator shall operate only one active small landfarm per governmental section at any time.

GENER	AΤ	INFO	RM	ATI	ON

Ι.	X	Small Landf	arm Registration		submitted within th			tion date)	
2.	Operator:	Hilcorp Ene	rgy Company						
	Address:	1111 Travis S	Street, Houston, TX	77002					
	Contact Per	son: Mitc	h Killough		Ph	713-	-757-5247		
3.	Location: _	NE/4	SW/4	Section 29	Township	30N	Range	9W	
RI	EGISTRATI	ON							

- 1. As operator, are you the surface estate owner of the proposed site? \square Yes \square No If no, please attach a certification statement that demonstrates a written agreement is established with the surface estate owner authorizing the use of the site for the proposed small landfarm.
- 2. Will the proposed small landfarm comply with the siting requirements of Subsections A and B of 19.15.36.13 NMAC?
- X Yes No
 - A. Depth to ground water.
 - No small landfarm shall be located where ground water is less than 50 feet below the lowest elevation at which the operator will place oil field waste.
 - **B.** No surface waste management facility shall be located:
 - within 200 feet of a watercourse, lakebed, sinkhole or playa lake;
 - within an existing wellhead protection area or 100-year floodplain;
 - within, or within 500 feet of, a wetland:
 - within the area overlying a subsurface mine;
 - within 500 feet from the nearest permanent residence, school, hospital, institution or church in existence at the time of
 initial application; or
 - within an unstable area, unless the operator demonstrates that engineering measures have been incorporated into the surface waste management facility design to ensure that the surface waste management facility's integrity will not be compromised.
- 3. Attach a plat and topographic map showing the small landfarm's location in relation to governmental surveys (quarter-quarter section, township and range); highways or roads giving access to the small landfarm site; watercourses; fresh water sources, including wells and springs; oil and gas wells or other production facilities; and inhabited buildings within one mile of the site's perimeter.

Based on the information provided with this submittal, registration of a small landfarm can only be granted if the operator complies with the following understandings and conditions:

- The operator shall operate only one active small landfarm per governmental section at any time. No small landfarm shall be located more than one mile from the operator's nearest oil or gas well or other production facility.
- The operator shall accept only exempt or non-hazardous wastes consisting of soils (excluding drill cuttings) generated as a result of accidental releases from production operations, that are predominantly contaminated by petroleum hydrocarbons, do not contain free liquids, would pass the paint filter test and where testing shows chloride concentrations are 500 mg/kg or below.
 - The operator shall berm the landfarm to prevent rainwater run-on and run-off.
- The operator shall post a sign at the site readable from a distance of 50 feet and listing the operator's name; small landfarm registration number; location by unit letter, section, township and range; expiration date; and an emergency contact telephone number.
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concentration, as determined by EPA method 300.1, does not exceed 500 mg/kg. The operator shall treat soils by disking at least once a month and by watering and adding bioremediation enhancing materials when needed.

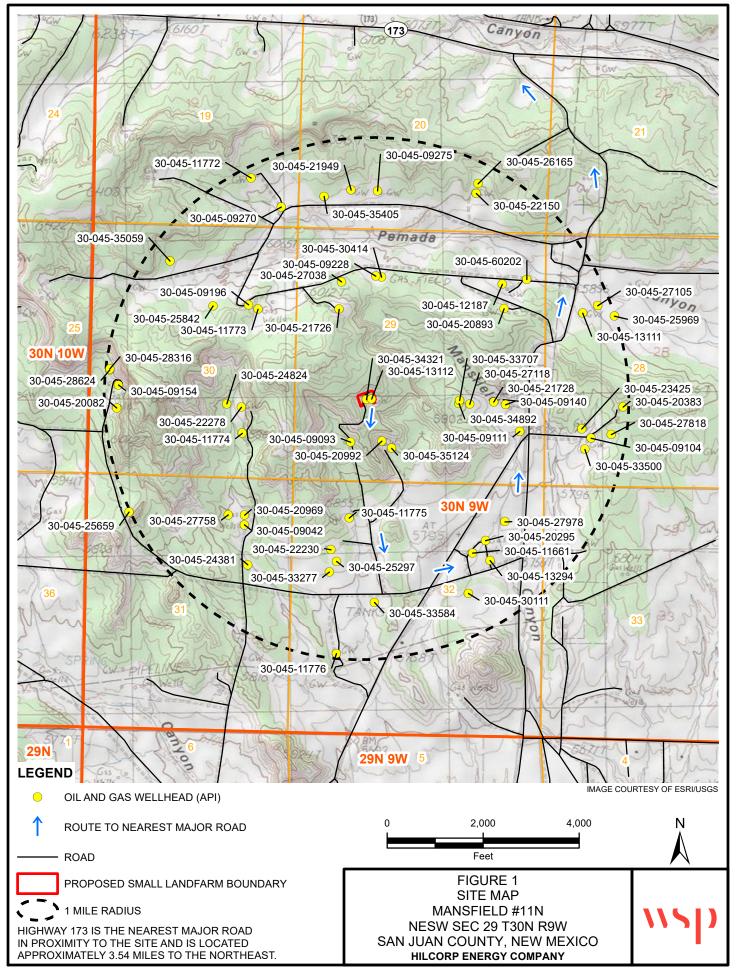
- The operator shall maintain records reflecting the generator, the location of origin, the volume and type of oil field waste, the date of acceptance and the hauling company for each load of oil field waste received. The division shall post on its website each small landfarm's location, operator and registration date. In addition, the operator shall maintain records of the small landfarm's remediation activities in a form readily accessible for division inspection. The operator shall maintain all records for five years following the small landfarm's closure.
- The operator shall submit a final closure report on a form C-137 EZ, together with photographs of the closed site, to the environmental bureau in the division's Santa Fe office.

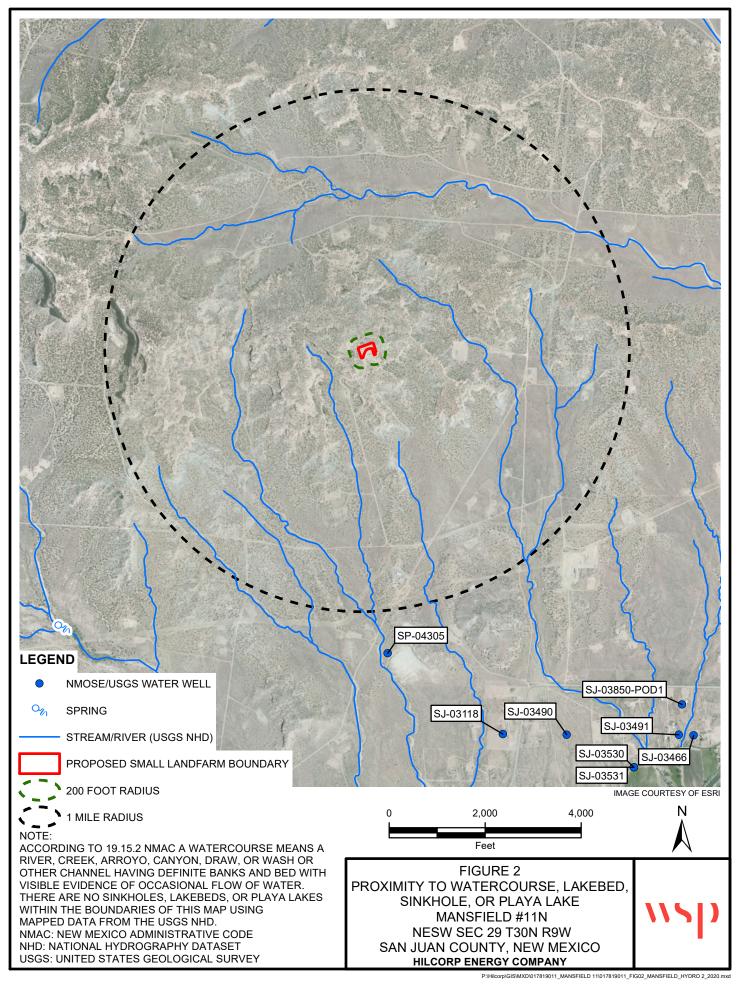
CERTIFICATION

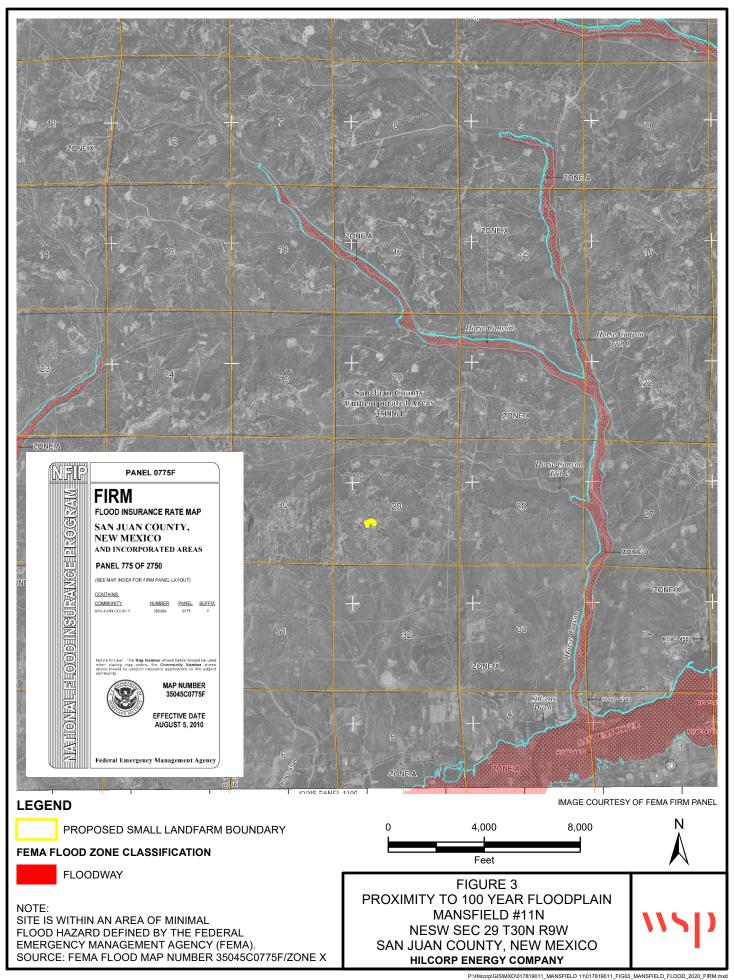
I hereby certify that the information submitted with this registration is true, accurate and complete to the best of my knowledge and belief and agree to the understandings and conditions of this registration.

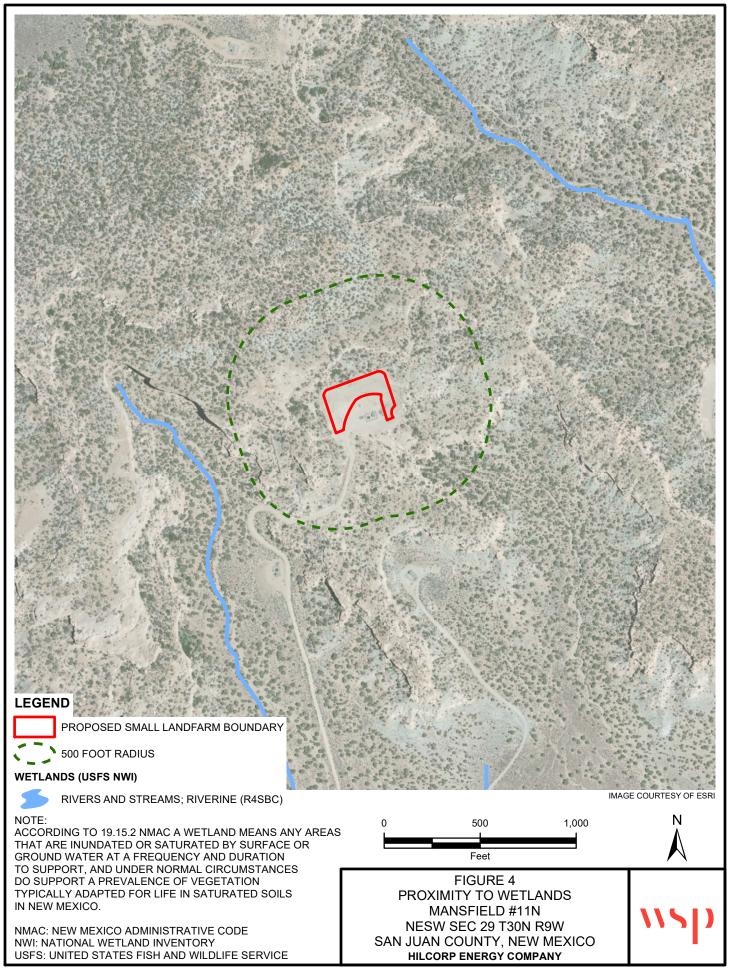
Name: Mitch Killough	Title: Environmental Specialist
Signature: Shh Shp	Date:9/13/2021
E-mail Address: mkillough@hilcorp.com	
OCD REGISTRATION: 🗵 Approved. Date: October 15, 2021	Denied. Date:
Comments: Please see the attached approval letter with condition	ns.
OCD Representative Signature:	
Title: Environmental Specialist	OCD Registration Number: NM3-003
Were the landfarmed soils able to achieve the closure performance stadate? Yes No (Please provide laboratory analytical researches) benzene, as determined by EPA SW-846 method 8021 B or 826. Total BTEX, as determined by EPA SW-846 method 8021 B or TPH, as determined by EPA SW-846 method 418.1 or other EP, mg/kg; the GRO and DRO combined fraction, as determined by chlorides, as determined by EPA method 300.1, shall not exceed the system of the color of the operator shall re-vegetate soils remediated to the closure peroperator of the operator returns remediated soils to the original site, or with in the color of the standards in Paragraph (6) of Subsection of the standards in Paragraph (6) of Subsection of the operator shall remove berms on the small landfarm and build of the operator shall clean up the site and collect one vadose zone treatment zone, or in an area where liquids may have collected of collected and analyzed using the methods specified above for TIM of the color of	sults) 60B, shall not exceed 0.2 mg/kg; 8260B, shall not exceed 50 mg/kg; A method approved by the division, shall not exceed 2500 EPA SW-846 method 8015M, shall not exceed 500 mg/kg; and d 500 mg/kg. Yes No (Please provide photos) erformance standards if left in place in accordance with th division permission, recycles them, re-vegetate the cell filled on A of 19.15.36.18 NMAC; ldings, fences, roads and equipment; and soil sample from three to five feet below the middle of the due to rainfall events; the vadose zone soil sample shall be PH, BTEX and chlorides. If to the closure performance standards within three years and the cell filled in with native soil to the standards in Paragraph es No (Please provide photos)
Name:	Title:
Signature:	Date:
E-mail Address:	
OCD CLOSURE REVIEW: Closure Approved. Date :	Closure Denied. Date:
Comments:	
OCD Representative Signature:	
Title:	OCD Registration Number:

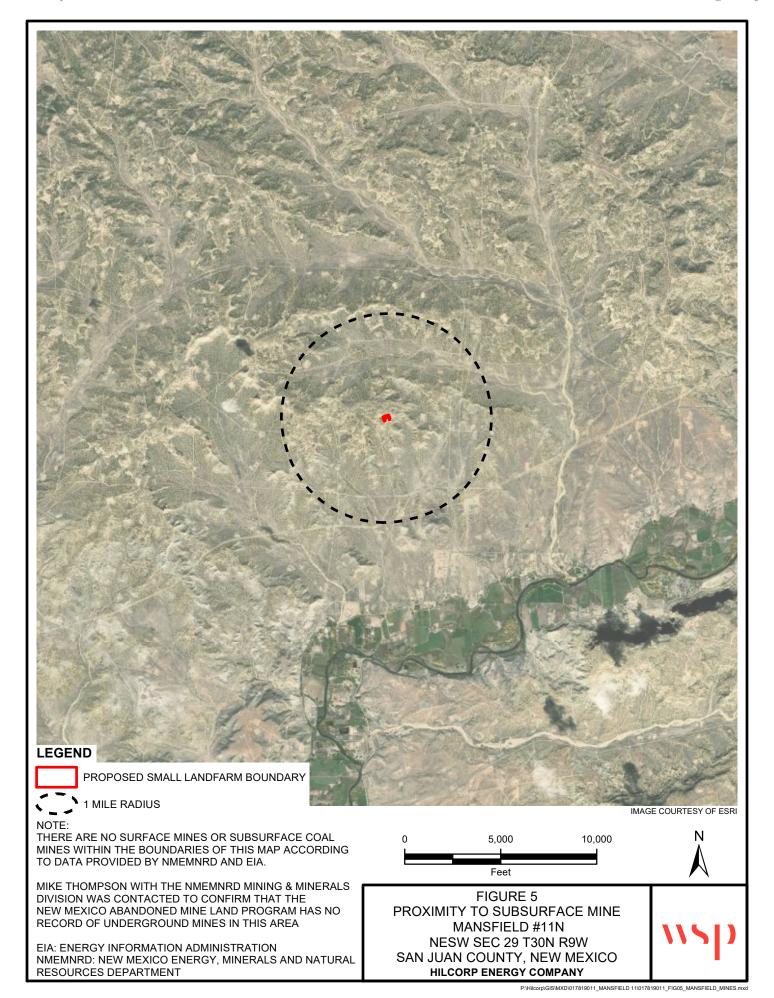
NMAC SURFACE WASTE N SUMMARY INFORMATION 19.15.13 NMAC & 19.15.2		WSP USA Inc. 848 East Second Avenue Durango, Colorado 81301 T 970-385-1096		
GENERAL INFORMATION Operator:	Hilcorn Engrav Company	Date:	3/29/2021	
Site Name:	Hilcorp Energy Company Mansfield #11N	Prepared By:	Stuart Hyde	
Latitude:	36.78040	Longitude:	-107.80726	<u> </u>
Section:	29	Section Unit:	K	
Township:	30 N	Range:	9W	
Site Elevation:	6040.12 feet		-	
GENERAL SITING CRITERIA	1		Yes/No	Figure Reference
Nearest watercourse is an un southwest of the proposed f	ourse, lakebed, sinkhole or playa lake? nnamed dry wash, second-order tributary of the San acility location. No watercourses, lakebeds, sinkholes m boundaries according to United States Geological	s, or playa lakes are located within 200	No	Figures 1 & 2
Figure 3 and the attached FE	within the 100-year or 500-year flood plain as indica MA Panel. As shown on the Panel, the site is specfica nimal flood hazard", further defined as an area "dete	ally located in the unshaded, or no	No	Figure 3
the United States Fish and W proposed facility.	Riverine approximatly 738 feet southwest of the site /ildlife Service (USFWS) National Wetland Inventory	·	No	Figure 4
contacted on August 13, 202	subsurface mine? 7.4 miles to the West. Mike Tompson with the EMNR 0 to confirm that The New Mexico Abandoned Mine rea. Email contact is included in this packet.	•	No	Figure 5
	arest permanent residence, school, hospital, institus to the SE. Updated fied verification by Eric Carroll o	Cuca	noll No	Figure 6
division-approved facility's s Closest karst geologic enviro	area susceptible to natural or human-induced event structural components? nment is ~46 miles to the North. In addition, data pro- resismic activity in the area of the Site (within the bo	ovided by the USGS indicates that	No	Figure 7
well or spring used by <5 ho fresh water well or spring. W that have been installed to r	protection area? ement facility is not located within 200 horizontal fee useholds for domestic or stock watering purpose, or Jells SJ04353 PODs 1 through 5 depicted on Figure 9 nonitor groundwater conditions at the Mansfield #12 ghts and are not intended for irrigation, domestic, liv	within 1,000 horizontal feet any other are classified as "monitoring wells" LN remediation site. These wells do	No	Figure 8
Estimated Depth to Ground Justification:	water:	>100 Figure 9		
Distance to Closest water we Well Name:	ell with groundwater data:	866 feet, southeast SJ 4353 POD 1		
Wellhead Elevation:		5923 feet		
Depth to groundwater:		15.12 feet		
Groundwater Elevation: Elevation difference betwee small landfarm location:	n groundwater elevation of nearest well and propose	5907.88 feet		
Additional Comments: Wa approximatly 117 feet low	ater well SJ 4353 POD 1 has a depth to water of a er in elevation than the proposed site. Therefore greater than 100 feet. Refer to Figure 9.	pproximatly 15 feet, but is located		

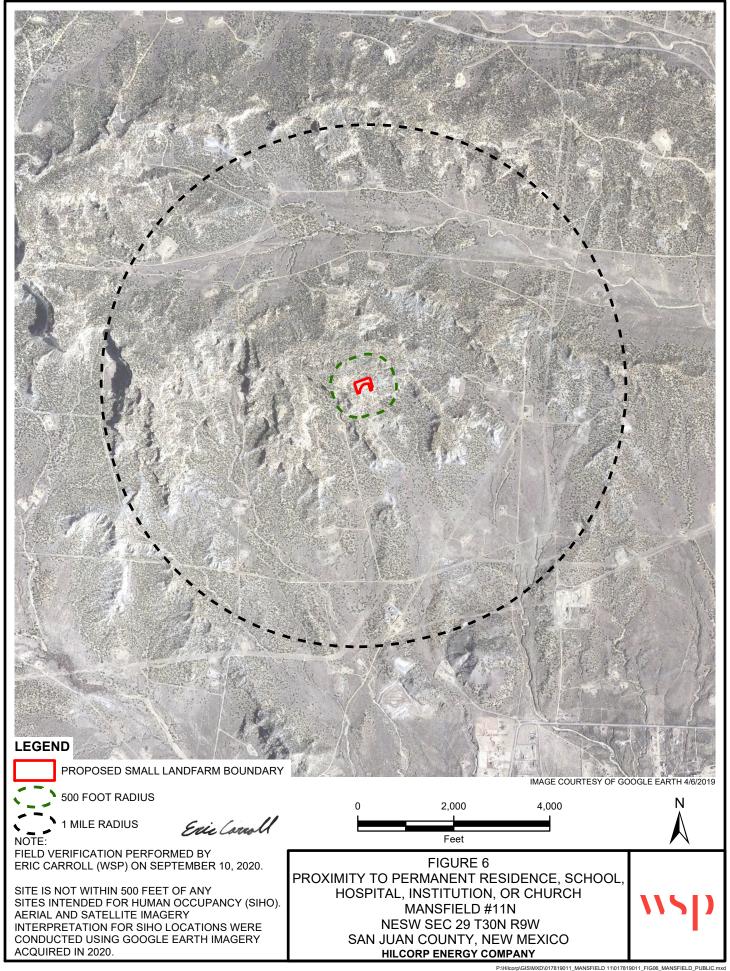












Josh Adams

From: Tompson, Mike, EMNRD < Mike.Tompson@state.nm.us>

Sent: Wednesday, August 12, 2020 10:12 AM

To: Josh Adams
Cc: Devin Hencmann

Subject: RE: Question about abandoned mines

Hi Josh,

That appears to be Section 29, Township 30 North, Range 9 West. The New Mexico Abandoned Mine Land Program has no record of abandoned mines in that Section.

Please let me know if you have any further questions.

Mike Tompson

New Mexico Energy, Minerals and Natural Resources Department
Mining and Minerals Division
Manager, Abandoned Mine Land Program
1220 South St. Francis Drive
Santa Fe NM 87505
(505) 690-8063 [cell]
www.NMMines.com
MMD Online – Searchable Mine Database

From: Josh Adams <jadams@ltenv.com> Sent: Tuesday, August 11, 2020 3:58 PM

To: Tompson, Mike, EMNRD < Mike. Tompson@state.nm.us>

Cc: Devin Hencmann < dhencmann@ltenv.com> **Subject:** [EXT] Question about abandoned mines

Mike,

I am currently working on citing criteria for a new proposed facility for one of my clients and we have been asked to get in contact with you to confirm that there are no abandoned mines at the proposed location. I believe you have spoken to some of my colleagues about a similar task in the past. The coordinates for the facility are latitude 36.780400, longitude -107.807260 in San Juan County, NM between Aztec and Turley. Can you please respond and confirm that there are no abandoned mines at this location? Thank you, your help is much appreciated.



Joshua G. Adams, G.I.T.

Staff Geologist

970.456.5750 cell

970.385.1096 direct

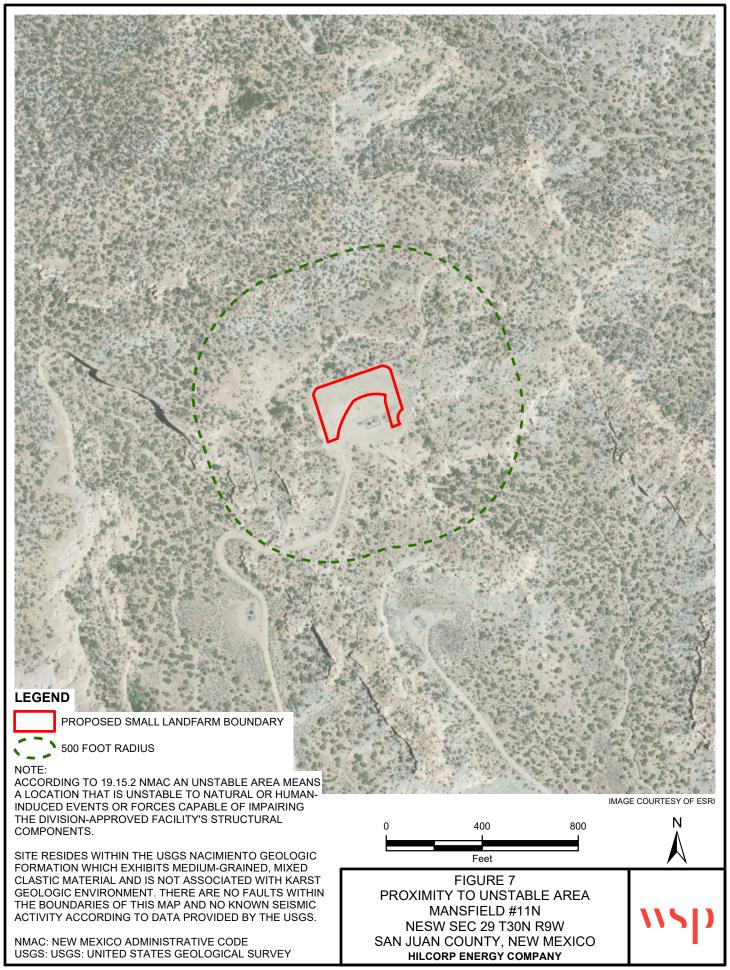
848 East Second Avenue Durango, CO 81301

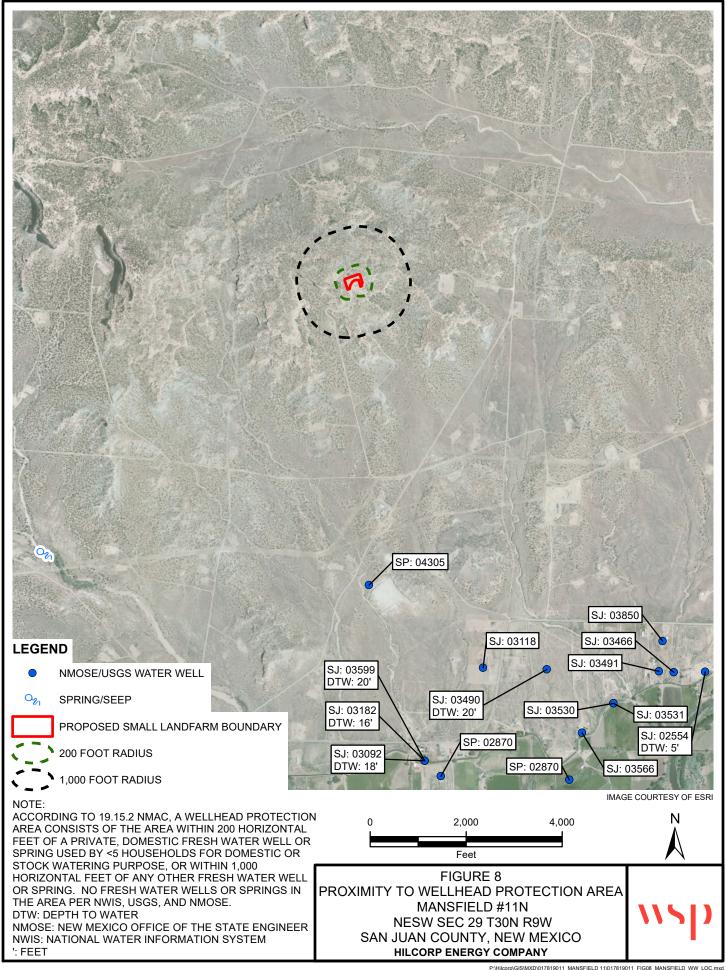
www.ltenv.com

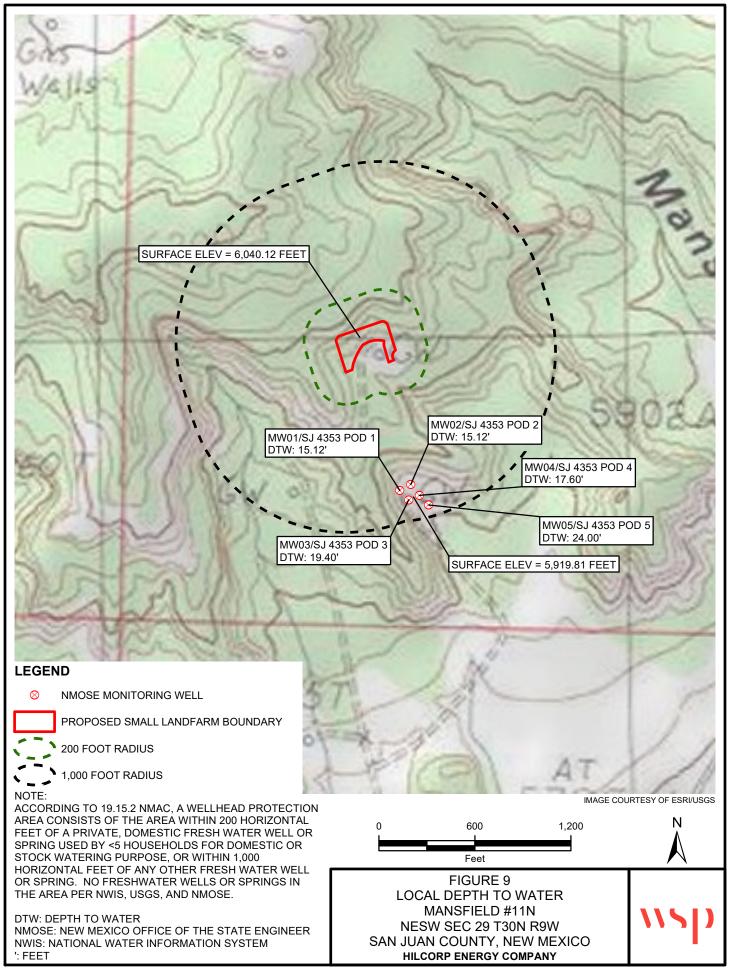


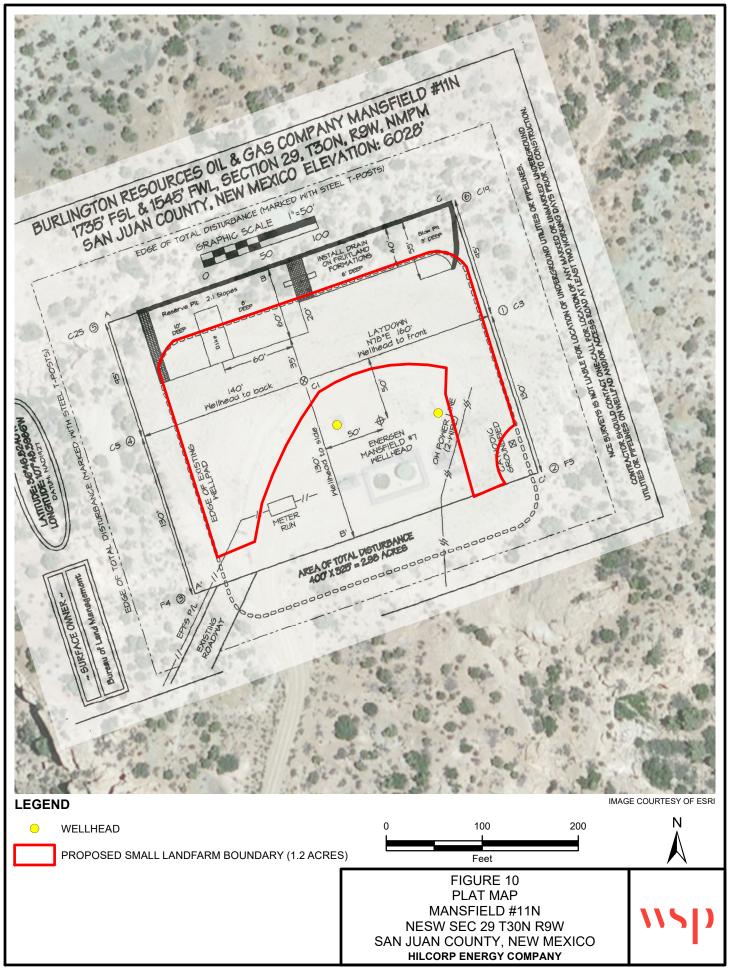
Think before you print. Click for our email

disclosure









District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rip Brazos Rd., Aztec. NM 87410

District IV 1220 S. St. Francis Dr. Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

State of New Mexico

gy Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2007 Fee Lease - 3 Copies

Form C-102

Revised October 12, 2005

Instructions on back

to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

1220 South St. Francis Dr. Santa Fe, NM 87505

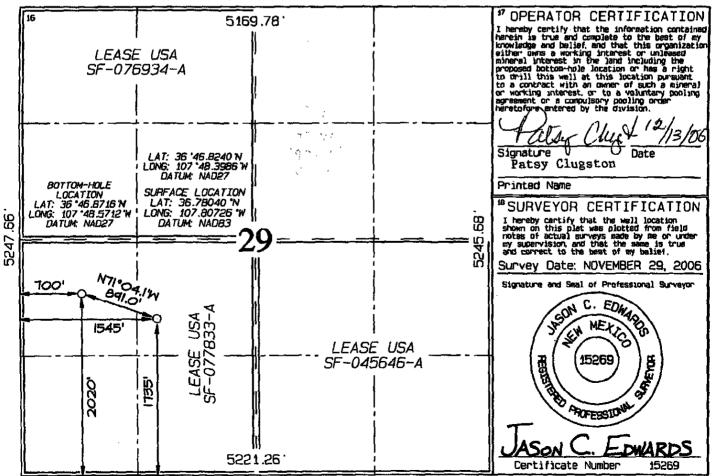
RECEIVED 210 FARM COLOR PREPORT

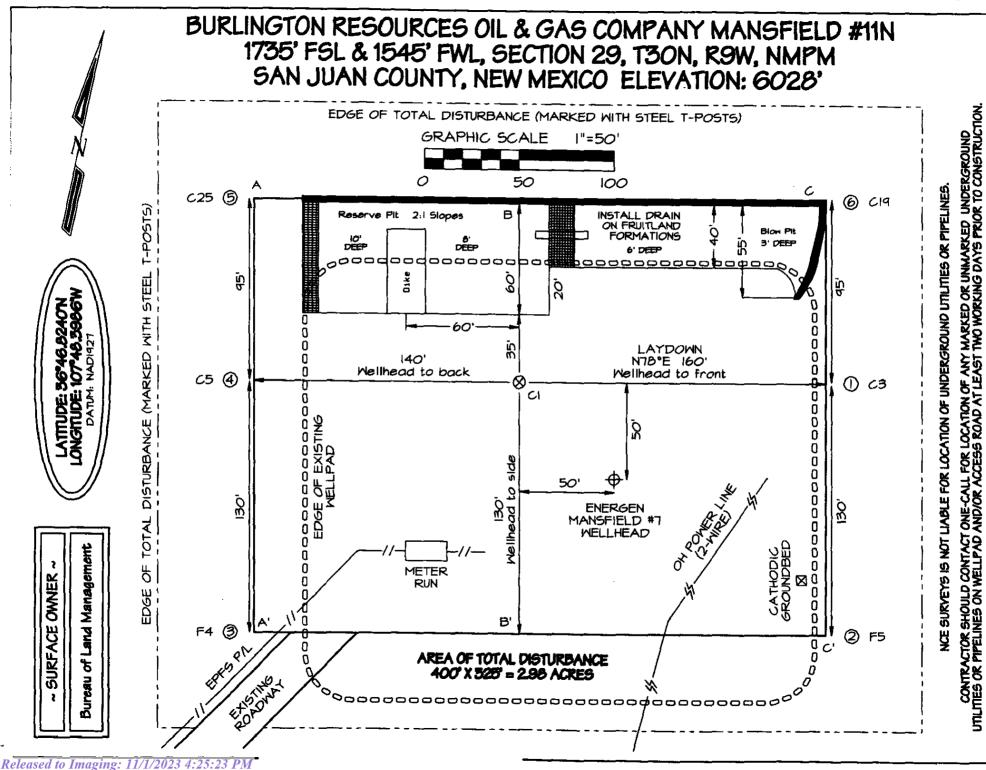
WELL LOCATION AND ACREAGE DEDICATION PLAT

10-045-3430	*Pool Code 72319/71599	BLANCO MESAVERDE / BASIN DAKOTA	
*Property Code 7284		roperty Name ANSFIELD	Well Number
10GRID No. 4538		perator Name CES OIL & GAS COMPANY, LP	Ejevation 6028
		ace Location	

UL or lat no Lot Id Feet from the North/South line East/West 13ne County Feet from the 29 30N 1735 SOUTH 1545 WEST SAN JUAN **9W** 11 Bottom Location Hole Different From Surface County UL or jet no. Section rth/South line eet from the East/West Line 29 2020 SOUTH 700 30N 9W WEST SAN JUAN Consolidation Code Dedicated Acres Joint or Infill Order No. 320 MV (64/2)/320 DK (S/2)

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION





Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR

FURM APPRU	VED
OMB No. 1004-	-0137
Expires: January 3	1, 2018

5. Lease Serial N

BUKEAU OF LAND MANAG	3. Lease Schai No.	5. Lease Serial IVO.			
SUNDRY NOTICES AND REPORT Do not use this form for proposals to d abandoned well. Use Form 3160-3 (APD)	6. If Indian, Allottee of	6. If Indian, Allottee or Tribe Name			
· ,	7 If Unit of CA/Agre	ement, Name and/or No.			
SUBMIT IN TRIPLICATE - Other instruction	ns on page 2		7. If Ollit of CA/Agic	ement, ivaline and/of ivo.	
1. Type of Well			8. Well Name and No		
Oil Well Gas Well Other					
2. Name of Operator			9. API Well No.		
3b. 3	Phone No. (includ	de area code)	10. Field and Pool or	Exploratory Area	
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)			11. Country or Parish,	State	
12. CHECK THE APPROPRIATE BOX(I	ES) TO INDICAT	E NATURE OF 1	NOTICE, REPORT OR OTI	HER DATA	
TYPE OF SUBMISSION		TYPE OF	FACTION		
Notice of Intent Acidize Alter Casing	Deepen Hydraulic F		Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity	
Casing Panair	New Constr	· =	Recomplete	Other	
Subsequent Report Casing Repair	Plug and Al		Temporarily Abandon	Other	
Final Abandonment Notice Convert to Injection	Plug Back		Water Disposal		
completion of the involved operations. If the operation results in a m completed. Final Abandonment Notices must be filed only after all re is ready for final inspection.)	equirements, inclu				
4. I hereby certify that the foregoing is true and correct. Name (Printed)	/Typed) Title				
Signature Albuster	Date				
THE SPACE FO	OR FEDERA	L OR STATE	OFICE USE		
Approved by					
		Title		Date	
Conditions of approval, if any, are attached. Approval of this notice does certify that the applicant holds legal or equitable title to those rights in the which would entitle the applicant to conduct operations thereon.		Office			
Fitle 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a curve false, fictitious or fraudulent statements or representations as to any r			d willfully to make to any de	epartment or agency of the United States	

(Instructions on page 2)

January 19, 2021

Bureau of Land Management Farmington Field Office 6251 College Boulevard Farmington, New Mexico 87402

RE: Request to Amend Conditions of Approval Hilcorp Energy Company
Mansfield #11 – NCS1913741281
San Juan County, New Mexico

To Whom It May Concern,

Following identification of a historical release by Hilcorp Energy Company (Hilcorp) at the Mansfield #11 natural gas production well, Hilcorp excavated approximately 2,000 cubic yards of soil and requested land use permission from the Bureau of Land Management (BLM) to remediate impacted soil via biopiling at the nearby Mansfield #11N, another well pad located on BLM surface with available space for remediation. Upon approval with conditions from the BLM, Hilcorp submitted a Revised Remediation Work Plan on February 19, 2020 to the New Mexico Oil Conservation Division (NMOCD). In response, the NMOCD is requiring Hilcorp to adhere to the requirements of the NMOCD small landfarm regulations (19.15.36.16 of the New Mexico Administrative Code [NMAC]), which differ slightly from the BLM conditions of approval (COAs) for the Site's biopiling work plan. The NMOCD has additionally requested that Hilcorp obtain acknowledgement from BLM of the differences between the NMOCD requirements and BLM's COAs. To comply with NMOCD's request, WSP USA Inc. (WSP) has attached for your review a table that summarizes the differences in the regulatory requirements and any proposed changes in landfarm construction, management, and closure based on compliance with 19.15.36.16 NMAC. In all but one case, Hilcorp will default to the more stringent of the BLM COAs and the NMOCD small landfarm regulations so that both regulatory directives can be met.

WSP has attempted to summarize the most significant differences below:

- Hilcorp will meet a closure standard for benzene of 0.2 milligrams per kilogram (mg/kg) as prescribed in the 19.15.36.16 NMAC instead of 10 mg/kg approved by the BLM. Hilcorp will comply with BLM's closure criteria of 100 mg/kg for TPH. Hilcorp will add NMOCD standards for BTEX, GRO+DRO, and chloride, which were not required by the BLM.
- Landfarm construction will comply with BLM requirements, but have stricter NMOCD constraints including:
 - The entire area will not exceed 2 acres,
 - Lift heights will be restricted to 8 inches instead of 24 inches,
 - o No more than 2,000 cubic yards of soil will be treated.
- Due to the time it has taken to identify and comply with the NMOCD requirements, along with projected time to receive final approval to proceed from NMOCD, Hilcorp is requesting BLM change the timeline for remediation to three years from the landfarm application acceptance date instead of two years from the release date. Hilcorp will submit sundry notices to the BLM each year following the application acceptance from the NMOCD. The reports will include

laboratory analytical results soil sampling, evaluation of remediation progress, and anticipated timeline to closure.

As stated above, for NMOCD to proceed with approval of small landfarm registration, it requires BLM acknowledge differences between the BLM COAs and NMOCD small landfarm requirements and for BLM to approve of any modifications. All differences are summarized in the attached table and show the most stringent requirement will be met. Due to the extended timeline required to receive approval of a work plan from NMOCD and subsequent small landfarm registration, Hilcorp requests approval to modify the timeline in the original BLM COAs. Hilcorp respectfully requests extension of the timeline for remediation from two years from the date of the release to three years from the application acceptance date.

Upon approval of this Sundry, Hilcorp can proceed with the final steps required for NMOCD small landfarm registration and begin remediation at the site.

Sincerely,

Jennifer Deal

Gennifer Deal



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

Sundry Print Report
02/11/2021

Well Name: MANSFIELD Well Location: T30N / R9W / SEC 29 / County or Parish/State: SAN

NESW / 36.780261 / 107.807377 JUAN / NM

Well Number: 11N Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMSF077833A Unit or CA Name: MANSFIELD, Unit or CA Number:

MANSFIELD - W/2 MV NMNM73156, NMNM74066

US Well Number: 3004534321 Well Status: Producing Gas Well Operator: HILCORP ENERGY

COMPANY

Subsequent Report

Type of Submission: Subsequent Report

Type of Action: Surface Disturbance

Date Operation Actually Began: 02/01/2021

Actual Procedure: Please see the attached Change of Plans. Attn: Ryan Joyner

SR Attachments

Actual Procedure

Sundry_Notice__Mansfield_11N_3160_005_1__20210210134541.pdf

Copy_of_Rule_36_BLM_COA_Comparison_JA_V2_20210210134541.pdf

Mansfield_11N_COA_20210210134541.pdf

BLM_letter_for_Sundry_20210210134541.pdf

EC504488_20210210134541.pdf

Well Location: T30N / R9W / SEC 29 / County or Parish/State: SAN

NESW / 36.780261 / 107.807377

Well Number: 11N Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMSF077833A Unit or CA Name: MANSFIELD, Unit or CA Number:

MANSFIELD - W/2 MV NMNM73156, NMNM74066

US Well Number: 3004534321 Well Status: Producing Gas Well Operator: HILCORP ENERGY

COMPANY

JUAN / NM

Operator Certification

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

Operator Electronic Signature: WALKER Signed on: FEB 10, 2021 01:45 PM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS STREET

City: HOUSTON State: TX

Phone: (713) 209-2400

Email address: NOT ENTERED

Field Representative

Representative Name: Jennifer Deal

Street Address: 382 ROAD 3100

City: FARMINGTON State: NM Zip: 87401

Phone: (505)324-5128

Email address: jdeal@hilcorp.com

BLM Point of Contact

BLM POC Name: RYAN JOYNER BLM POC Title: Physical Scientist

BLM POC Phone: 9703851242 BLM POC Email Address: rjoyner@blm.gov

Disposition: Approved **Disposition Date:** 02/11/2021

Signature: Ryan Joyner

Page 2 of 2

E N S O L U M

TABLE 1 SOIL ANALYTICAL RESULTS Mansfield #11N Small Landfarm Hilcorp Energy Company San Juan County, New Mexico											
Sample Identification	Sample Date	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	TPH, GRO+DRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)		
Landfarm Closure Standa		0.2	50	NE	NE	NE	500	100	500		
	Treatment Zone Soil Sampling										
LFC	11/17/2022	<0.020	<0.079	<4.0	<15	<49	<15	<49	<60		
				Vadose Zo	ne Soil Sampling						
Vadose Zone	5/11/2023	<0.024	<0.097	<4.8	<9.7	<49	<9.7	<49	110		

Notes:

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

DRO: Diesel Range Organics GRO: Gasoline Range Organics

mg/kg: milligrams per kilogram

MRO: Motor Oil/Lube Oil Range Organics

NE: Not Established

TPH: Total Petroleum Hydrocarbon

< 0.037: indicates result less than the stated laboratory reporting limit (RL)



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

November 28, 2022

Stuart Hyde HILCORP ENERGY PO Box 4700 Farmington, NM 87499

TEL: (505) 564-0733

FAX:

RE: Mansfield 11 OrderNo.: 2211B13

Dear Stuart Hyde:

Hall Environmental Analysis Laboratory received 2 sample(s) on 11/18/2022 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 2211B13

Date Reported: 11/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: LFC

 Project:
 Mansfield 11
 Collection Date: 11/17/2022 11:55:00 AM

 Lab ID:
 2211B13-001
 Matrix: MEOH (SOIL)
 Received Date: 11/18/2022 6:20:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	11/18/2022 10:01:32 AM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/18/2022 10:01:32 AM
Surr: DNOP	105	21-129	%Rec	1	11/18/2022 10:01:32 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.0	mg/Kg	1	11/18/2022 2:26:55 PM
Surr: BFB	91.7	37.7-212	%Rec	1	11/18/2022 2:26:55 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.020	mg/Kg	1	11/18/2022 2:26:55 PM
Toluene	ND	0.040	mg/Kg	1	11/18/2022 2:26:55 PM
Ethylbenzene	ND	0.040	mg/Kg	1	11/18/2022 2:26:55 PM
Xylenes, Total	ND	0.079	mg/Kg	1	11/18/2022 2:26:55 PM
Surr: 4-Bromofluorobenzene	93.0	70-130	%Rec	1	11/18/2022 2:26:55 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	60	mg/Kg	20	11/18/2022 12:17:57 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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2211B13 28-Nov-22**

Client: HILCORP ENERGY

Project: Mansfield 11

Sample ID: MB-71590 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 71590 RunNo: 92690

Prep Date: 11/18/2022 Analysis Date: 11/18/2022 SeqNo: 3336788 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-71590 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 71590 RunNo: 92690

Prep Date: 11/18/2022 Analysis Date: 11/18/2022 SeqNo: 3336789 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 94.5 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

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

2211B13 28-Nov-22

WO#:

Client: HILCORP ENERGY

Project: Mansfield 11

Sample ID: LCS-71589	TestCode: EPA Method 8015M/D: Diesel Range Organics											
Client ID: LCSS	Batch ID: 71589			F	RunNo: 92	2689						
Prep Date: 11/18/2022	Analysis Date: 11/18/2022			9	SeqNo: 33	335128	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	47	15	50.00	0	93.8	64.4	127					
Surr: DNOP	53		5 000		106	21	120					

Sample ID: MB-71589	SampT	уре: МЕ	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batcl	n ID: 71 5	589	F	RunNo: 92	2689						
Prep Date: 11/18/2022	Analysis D)ate: 11	/18/2022	9	SeqNo: 3	335129	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	ND	15										
Motor Oil Range Organics (MRO)	ND	50										
Surr: DNOP	9.5		10.00		94.7	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
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2211B13 28-Nov-22**

Client: HILCORP ENERGY

Project: Mansfield 11

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: B92694 RunNo: 92694

Prep Date: Analysis Date: 11/18/2022 SeqNo: 3335416 Units: mg/Kg

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

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 970 1000 97.1 37.7 212

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: B92694 RunNo: 92694

Prep Date: Analysis Date: 11/18/2022 SeqNo: 3335417 Units: mg/Kg

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

 Gasoline Range Organics (GRO)
 21
 5.0
 25.00
 0
 85.8
 72.3
 137

 Surr: BFB
 1800
 1000
 180
 37.7
 212

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

1.0

2211B13 28-Nov-22

WO#:

Client: HILCORP ENERGY

Project: Mansfield 11

Surr: 4-Bromofluorobenzene

Sample ID: mb	SampT	уре: МВ	LK	Tes						
Client ID: PBS	Batch	n ID: D9 2	2694	F	RunNo: 92	2694				
Prep Date:	Analysis D	Date: 11	/18/2022	5	SeqNo: 33	335494	Units: mg/K	g		
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								

101

70

130

Sample ID: 100ng btex lcs	Samp ⁻	Гуре: LC	S	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batc	h ID: D9 :	2694	F	RunNo: 92	2694						
Prep Date:	Analysis [Date: 11	/18/2022	9	SeqNo: 3	335495	Units: mg/K	g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.97	0.025	1.000	0	96.8	80	120					
Toluene	0.97	0.050	1.000	0	97.4	80	120					
Ethylbenzene	0.97	0.050	1.000	0	96.8	80	120					
Xylenes, Total	2.9	0.10	3.000	0	97.7	80	120					
Surr: 4-Bromofluorobenzene	0.99		1.000		99.3	70	130					

1.000

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
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 6

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

Released to Imaging: 11/1/2023 4:25:23 PM

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Client Name:	lilcorp Ene	rgy	Worl	Order Nur	mber: 221	1B13		RcptNo	o: 1		
Received By:	Tracy Cas	arrubias	11/18/2	2022 6:20:0	MA 00						
Completed By:	Tracy Cas	arrubias	11/18/2	2022 7:02:5	54 AM						
Reviewed By:	TML		11/18	122							
Chain of Custo	od <u>y</u>										
1. Is Chain of Cus	tody compl	ete?			Yes	V	No 🔲	Not Present [
2. How was the sa	ample delive	ered?			Cou	<u>rier</u>					
Log In 3. Was an attemp	t made to c	ool the samp	les?		Yes	V	No 🗌	na 🗆			
4. Were all sample	es received	at a tempera	iture of >0° C	to 6.0°C	Yes	✓	No 🗌	NA 🗆			
5. Sample(s) in pr	oper contain	ner(s)?			Yes	\checkmark	No 🗆				
6. Sufficient samp	le volume fo	or indicated to	est(s)?		Yes	V	No 🗌				
7. Are samples (ex	ccept VOA a	and ONG) pro	operly preserv	ed?	Yes	V	No 🗌				
8. Was preservativ	e added to	bottles?			Yes		No 🗹	NA 🗌			
9. Received at least	st 1 vial with	n headspace	<1/4" for AQ \	/OA?	Yes		No 🗌	NA 🗹			
10. Were any samp	ole containe	rs received b	roken?		Yes	Ц	No 🔽	# of preserved			
11.Does paperwork (Note discrepan)		Yes	V	No 🗌	bottles checked for pH: (<2 o	r >12 upless noted)		
12. Are matrices co	rrectly ident	ified on Chai	n of Custody?		Yes	V	No 🗌	Adjusted?			
13. Is it clear what a	ınalyses we	re requested	?		Yes	Y	No 🗌				
14. Were all holding (If no, notify cus					Yes	V	No 🗌	Checked by:	Ju 11/18/22		
Special Handlin											
15. Was client notif	ied of all dis	screpancies v	with this order	?	Yes		No 🗌	NA 🗹			
Person N	otified:			Date	e: [-					
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17. Cooler Inform		0 ""	0.11	1200	1 .						
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hain-of-Custody Record	l urn-Around Time:	HALL ENVIDONMENTAL
Client: 1+:1c.s.g	Stenderd of KRush Next Day	ANALYSIS LABORATORY
Ath, Mitch Killoush Mailing Address:	2	allenvironme
	Project #:	
Phone #:	80.00	Anal
email or Fax#: m/s/Jungh @ hilwig. com	Project Manager: Sturt Hyde	†os
age:	shyde Cersolum. com	oO⁴° a
Accreditation:	Sampler	1) 382 H 32703 1, 503
□ Other	On Ice: VI Yes 🗆 No	V OS 2/8/8 2/8/2 3/70 8/8/2 8/8 8/8
	olers: 1	od (GF)
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	Container Preservative HEAL No.	TEX) 1081 PG 1081
Time Matrix Samp	Type	88 80 80 80 80 80 80 80 80 80 80 80 80 8
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Date: Relinquished by.	Received by: Via Time 11/1/12 1355	Remarks: CC: phanson & exsolum. com
ime: Relinqu	Received by: Via: Court Date Time	
A Complex submitted to Half Environmental may be	subcortraded to other accredited laboratories. This serves as notice of this	Note: The serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 11/1/2023 4:25:23 PM



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

May 19, 2023

Stuart Hyde HILCORP ENERGY PO Box 4700 Farmington, NM 87499

TEL: (505) 564-0733

FAX:

RE: Mansfield 11N Small Landfarm OrderNo.: 2305684

Dear Stuart Hyde:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/12/2023 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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2305684

Date Reported: 5/19/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Vadose Zone

Project: Mansfield 11N Small Landfarm Collection Date: 5/11/2023 10:30:00 AM Lab ID: 2305684-001 Matrix: SOIL Received Date: 5/12/2023 7:30:00 AM

Result **RL Qual Units** DF **Date Analyzed Analyses** Analyst: PRD **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Diesel Range Organics (DRO) ND 9.7 mg/Kg 1 5/16/2023 1:03:31 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 5/16/2023 1:03:31 PM Surr: DNOP 103 69-147 %Rec 1 5/16/2023 1:03:31 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: JJP Gasoline Range Organics (GRO) ND 5/15/2023 11:52:33 PM 4.8 mg/Kg 1 Surr: BFB 75.9 15-244 %Rec 1 5/15/2023 11:52:33 PM **EPA METHOD 8021B: VOLATILES** Analyst: JJP Benzene ND 5/15/2023 11:52:33 PM 0.024 mg/Kg 1 Toluene ND 0.048 mg/Kg 1 5/15/2023 11:52:33 PM Ethylbenzene ND 0.048 mg/Kg 1 5/15/2023 11:52:33 PM Xylenes, Total ND 0.097 mg/Kg 5/15/2023 11:52:33 PM 1 Surr: 4-Bromofluorobenzene 82.9 39.1-146 %Rec 1 5/15/2023 11:52:33 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride mg/Kg 5/15/2023 10:39:48 PM 110 60 20

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

Qualifiers:

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

Reporting Limit

Page 1 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2305684**

19-May-23

Client: HILCORP ENERGY

Project: Mansfield 11N Small Landfarm

Sample ID: MB-74968 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 74968 RunNo: 96777

Prep Date: 5/15/2023 Analysis Date: 5/15/2023 SeqNo: 3509658 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-74968 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 74968 RunNo: 96777

Prep Date: 5/15/2023 Analysis Date: 5/15/2023 SeqNo: 3509659 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 93.9 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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 2 of 5

Hall Environmental Analysis Laboratory, Inc.

2305684 19-May-23

WO#:

Client: HILCORP ENERGY

Project: Mansfield 11N Small Landfarm

Project: Mansfield	l 11N Small Land	ltarm									
Sample ID: LCS-74977	SampType: LC	s	Tes	tCode: EP	A Method	8015M/D: Dies	el Range	Organics			
Client ID: LCSS	Batch ID: 74	977	F	unNo: 96 7	783						
Prep Date: 5/16/2023	Analysis Date: 5/	16/2023	S	SeqNo: 35	10137	Units: mg/Kg	J				
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	47 10	50.00	0	93.2	61.9	130					
Surr: DNOP	4.6	5.000		91.8	69	147					
Sample ID: MB-74977	SampType: ME	BLK	Tes	tCode: EPA	A Method	8015M/D: Dies	el Range	Organics			
Client ID: PBS	Batch ID: 74	977	F	RunNo: 96 7	783						
Prep Date: 5/16/2023	Analysis Date: 5/	16/2023	·			Units: mg/Kg	J				
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	ND 10										
Motor Oil Range Organics (MRO)	ND 50										
Surr: DNOP	9.4	10.00		93.9	69	147					
Sample ID: LCS-74966	SampType: LC	s	Tes	tCode: EPA	PA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 74	966	F	lunNo: 96 7	783						
Prep Date: 5/15/2023	Analysis Date: 5/	16/2023	9	SeqNo: 35	10946	Units: %Rec					
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Surr: DNOP	4.8	5.000		96.4	69	147					
Sample ID: MB-74966	SampType: ME	BLK	Tes	tCode: EP	A Method	8015M/D: Dies	el Range	Organics			
Client ID: PBS	Batch ID: 74	966	F	unNo: 96 7	783						
Prep Date: 5/15/2023	Analysis Date: 5/	16/2023	SeqNo: 3510974 Units:			Units: %Rec					
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Surr: DNOP	9.1	10.00		91.2	69	147					

Qualifiers:

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

Page 3 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: 2305684

19-May-23

Client: HILCORP ENERGY

Project: Mansfield 11N Small Landfarm

Sample ID: Ics-74925 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 74925 RunNo: 96762 Prep Date: 5/12/2023 Analysis Date: 5/15/2023 SeqNo: 3508640 Units: %Rec SPK Ref Val HighLimit %RPD **RPDLimit** Analyte Result SPK value %REC LowLimit Qual Surr: BFB 4900 1000 492 15 244 S

Sample ID: mb-74925 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 74925 RunNo: 96762 Prep Date: 5/12/2023 Analysis Date: 5/15/2023 SeqNo: 3508641 Units: %Rec %REC **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val LowLimit HighLimit %RPD Qual Surr: BFB 740 1000 74.4 15

244

Sample ID: Ics-74930 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 74930 RunNo: 96762 Prep Date: Analysis Date: 5/15/2023 SeqNo: 3509509 Units: mg/Kg 5/12/2023 SPK value SPK Ref Val Result PQL %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Gasoline Range Organics (GRO) 21 5.0 0 85.4 25.00 70 130 Surr: BFB 4800 1000 483 15 244 S

Sample ID: mb-74930 TestCode: EPA Method 8015D: Gasoline Range SampType: MBLK Client ID: PBS Batch ID: 74930 RunNo: 96762 Units: mg/Kg Prep Date: 5/12/2023 Analysis Date: 5/15/2023 SeqNo: 3509510 %RPD **RPDLimit** Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit Qual Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 810 1000 81.0 15 244

Qualifiers:

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

Page 4 of 5

Hall Environmental Analysis Laboratory, Inc.

0.83

WO#: **2305684** *19-May-23*

Client: HILCORP ENERGY

Surr: 4-Bromofluorobenzene

Project: Mansfield 11N Small Landfarm

Sample ID: LCS-74925 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 74925 RunNo: 96762

1.000

Prep Date: 5/12/2023 Analysis Date: 5/15/2023 SeqNo: 3508649 Units: %Rec

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

Surr: 4-Bromofluorobenzene 0.85 1.000 84.6 39.1 146

Sample ID: mb-74925 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 74925 RunNo: 96762 Prep Date: 5/12/2023 Analysis Date: 5/15/2023 SeqNo: 3508650 Units: %Rec **RPDLimit** Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual

82.6

39.1

146

Sample ID: LCS-74930 TestCode: EPA Method 8021B: Volatiles SampType: LCS Client ID: LCSS Batch ID: 74930 RunNo: 96762 Prep Date: Analysis Date: 5/15/2023 SeqNo: 3509516 Units: mg/Kg 5/12/2023 POI SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Analyte Result I owl imit 0.80 0.025 80.2 70 Benzene 1.000 0 70 Toluene 0.82 0.050 1.000 0 82.4 130 Ethylbenzene 0.82 0.050 1.000 0 82.2 70 130 0 Xylenes, Total 2.5 0.10 3.000 82.7 70 130 Surr: 4-Bromofluorobenzene 0.86 1.000 86.1 39.1 146

Sample ID: mb-74930 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: Batch ID: 74930 RunNo: 96762 Prep Date: Analysis Date: 5/15/2023 SeqNo: 3509517 5/12/2023 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Qual Analyte Result **PQL** LowLimit HighLimit Benzene ND 0.025 ND 0.050 Toluene Ethylbenzene ND 0.050

 Xylenes, Total
 ND
 0.10

 Surr: 4-Bromofluorobenzene
 0.84
 1.000
 83.9
 39.1
 146

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 5

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

Released to Imaging: 11/1/2023 4:25:23 PM

Client Name:	HILCORP ENERGY	Wor	k Order Num	ber: 2305684		RcptNo	1
Received By:	Juan Rojas	5/12/2	023 7:30:00	АМ	Guara &	2	
Completed By:	Cheyenne Cason		023 8:36:15		(lends		
Reviewed By:	W 5/13		520 0.00.10	, uvi	anc		
Chain of Cust	ody						
1. Is Chain of Cu	stody complete?			Yes 🗹	No 🗌	Not Present	
2. How was the s	ample delivered?			Courier			
Log In	ot made to cool the sa			Yes 🗹	No 🗆	na 🗆	
o. was an attemp	of made to cool the sai	npies?		res 💌	МО	NA L	
4. Were all sampl	les received at a tempo	erature of >0° C	to 6.0°C	Yes 🗹	No 🗌	na 🗆	
5. Sample(s) in p	roper container(s)?			Yes 🗸	No 🗀		
6. Sufficient samp	ole volume for indicate	d test(s)?		Yes 🗹	No 🗌		
7. Are samples (e	except VOA and ONG)	properly preserv	red?	Yes 🗹	No 🗆		
8. Was preservati	ive added to bottles?			Yes 🗌	No 🗹	NA 🗌	
9. Received at lea	ast 1 vial with headspa	ce <1/4" for AQ	VOA?	Yes 🗌	No 🗌	NA 🗹	
10. Were any sam	ple containers receive	d broken?		Yes	No 🗹	# of preserved bottles checked	
	k match bottle labels?			Yes 🗹	No 🗆	for pH:	>12 unless noted)
2. Are matrices co	orrectly identified on Cl	nain of Custody?	,	Yes 🗹	No 🗌	Adjusted?	/
3. Is it clear what	analyses were reques	ed?		Yes 🗹	No 🗌		امله
	g times able to be met stomer for authorizatio			Yes 🗹	No 🗆	Checked by:	Just 121
Special Handli	ng (if applicable)						
15. Was client not	ified of all discrepancie	s with this order	?	Yes 🗌	No 🗌	NA 🗹	
Person N	Notified:		Date				
By Whor	n:		Via:	eMail	Phone Fax	☐ In Person	
Regardir	ng:		- deligens participation and real and				
Client In:	structions:						
16. Additional rem	narks:						
17. <u>Cooler Inform</u> Cooler No	nation Temp °C Condition	on Coal Inter-	Cocl No	Cool Data	Cianad Du		
1	0.9 Good	n Seal Intact Yes	Seal No Morty	Seal Date	Signed By	and the state of t	

	Chain	of-C	ustody Record	Turn-Around Time:				HALL ENVIRONMENTAL												
Client:			th Killough Travis St	☐ Standard	e:	IN Small Land	193			A	IN	AL	YS	SIS	L		OF	RAT		
Mailing	Address	S:][[[Tows St	- 4	unsfield	IIN Small	Farm	. 40	a∩1 ⊢								// 871	na		
		H	outton TX	Project #:					el. 50							345-4				
Phone	#:					1 0 10				PAG		_			_	uest				
email o	or Fax#:	mkil	lough Chilcosp.com	Project Mana	ager:		=	0				1	90			int)				
QA/QC	Package:		☐ Level 4 (Full Validation)		shart H	yde	(00)	J/MR	PCB's		SIMS	tunika turika	PO4, 8			t/Abse				
	ditation:	□ Az C	ompliance	Sampler:	SH	- A		L N	382	E	3270		02,			sen				
□ NEI		□ Othe	•	On Ice: Yes No				30/)8/s	504	or 8	S	33		(A)	(Pre				
□ EDI	D (Type)			# of Coolers: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					icide	pou	3310	letal	N	8	ni-V(orm				
				Cooler Temp(Including CF): 0-8+0:120-9°C)					Pest	Met	by 8	8 1	8	NO.	(Ser	Colif	ъ.			
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2305684	O TEXT IMPLE (TMPIS (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA	CI,F, Br, NO3, NO2, PO4, SO4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Lett 145			
5/11	1030	5	Vudose Zone	402	100	001	7	CX					X					ay N. S	piz is	
			7 /8		T THE THE	entra entra entra entra				Virginia		- 7.27	I NOT	18.1		11 11	11 h n 12			24.1
					1 12 34 16	San II (Million W.)								- 3	1.14	10				
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Date:	Time:	Relinquis	Sh	1 M Wat 5/11/23/202				emarl	KS:				Promise				10 100	1		
5/11/2	408/ 4	1/3	with house	Received by: Nia: Date Time Owner 5/12/23 7/36 e subcontracted to other accredited laboratories. This serves as notice of this p										gi wi						



Photographic Log

Hilcorp Energy Company Mansfield #11N Small Landfarm San Juan County, New Mexico



Photograph: 1 Date: 6/21/2023 Description: Removing treatment zone soil and berms

View: Northwest



Photograph: 2 Date: 8/15/2023

Description: View of treatment zone cell after soil and berm removal

View: Southeast

The application/form must be submitted via OCD's Online Permitting System at https://www.apps.emnrd.nm.gov/OCD/OCDPermitting/Default.aspx.

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 For State Use Only:
Registration # NM3-003

Form C-137 EZ Revised October 11, 2022

REGISTRATION/ FINAL CLOSURE REPORT FOR SMALL LANDFARM

Section 7 of 19.15.36 NMAC defines a small landfarm as a centralized landfarm of two acres or less that has a total capacity of 2000 cubic yards or less in a single lift of eight inches or less, remains active for a maximum of three years from the date of its registration and that receives only petroleum hydrocarbon-contaminated soils (excluding drill cuttings) that are exempt or non-hazardous waste. The operator shall operate only one active small landfarm per governmental section at any time.

GENERA	L INFORMATION
1.	☐ Small Landfarm Registration

Small Landfarm Final Closure Report*

(*Must be submitted within three years from the registration date)

								(mast oc saoi	intica mi		nee je	ais iroin	the regist	ration date)	
2.	Operator:	Hile	corp I	Energy	⁷ Compan	y									
	Address:	1111	Trav	ris Stre	eet, Houst	on, I	TX 77002		_						
	Contact Per	son:	Mitch Killough									713-75	7-5247		
3.	Location:	NE		/4 _	SW	_/4	Section	29	Towns	ship _	30N		Range	9W	

REGISTRATION

- 1. As operator, are you the surface estate owner of the proposed site?

 Yes

 No If no, please attach a certification statement that demonstrates a written agreement is established with the surface estate owner authorizing the use of the site for the proposed small landfarm.
- Will the proposed small landfarm comply with the siting requirements of Subsections A and B of 19.15.36.13 NMAC?

 Yes No
 - **A.** Depth to ground water.
 - No small landfarm shall be located where ground water is less than 50 feet below the lowest elevation at which the operator will place oil field waste.
 - **B.** No surface waste management facility shall be located:
 - within 200 feet of a watercourse, lakebed, sinkhole or playa lake;
 - within an existing wellhead protection area or 100-year floodplain;
 - within, or within 500 feet of, a wetland;
 - within the area overlying a subsurface mine;
 - within 500 feet from the nearest permanent residence, school, hospital, institution or church in existence at the time of initial application; or
 - within an unstable area, unless the operator demonstrates that engineering measures have been incorporated into the surface waste management facility design to ensure that the surface waste management facility's integrity will not be compromised.
- 3. Attach a plat and topographic map showing the small landfarm's location in relation to governmental surveys (quarter-quarter section, township and range); highways or roads giving access to the small landfarm site; watercourses; fresh water sources, including wells and springs; oil and gas wells or other production facilities; and inhabited buildings within one mile of the site's perimeter.

Based on the information provided with this submittal, registration of a small landfarm can only be granted if the operator complies with the following understandings and conditions:

- The operator shall operate only one active small landfarm per governmental section at any time. No small landfarm shall be located more than one mile from the operator's nearest oil or gas well or other production facility.
- The operator shall accept only exempt or non-hazardous wastes consisting of soils (excluding drill cuttings) generated as a result of accidental releases from production operations, that are predominantly contaminated by petroleum hydrocarbons, do not contain free liquids, would pass the paint filter test and where testing shows chloride concentrations are 500 mg/kg or below.
 - The operator shall berm the landfarm to prevent rainwater run-on and run-off.
- The operator shall post a sign at the site readable from a distance of 50 feet and listing the operator's name; small landfarm registration number; location by unit letter, section, township and range; expiration date; and an emergency contact telephone number.
- The operator shall spread and disk contaminated soils in a single eight inch or less lift within 72 hours of receipt. The operator shall conduct treatment zone monitoring to ensure that the TPH concentration, as determined by EPA SW-846 method 8015M or EPA method 418.1 or other EPA method approved by the division, does not exceed 2500 mg/kg; and that the chloride

concentration, as determined by EPA method 300.1, does not exceed 500 mg/kg. The operator shall treat soils by disking at least once a month and by watering and adding bioremediation enhancing materials when needed.

- The operator shall maintain records reflecting the generator, the location of origin, the volume and type of oil field waste, the date of acceptance and the hauling company for each load of oil field waste received. The division shall post on its website each small landfarm's location, operator and registration date. In addition, the operator shall maintain records of the small landfarm's remediation activities in a form readily accessible for division inspection. The operator shall maintain all records for five years following the small landfarm's closure.
- The operator shall submit a final closure report on a form C-137 EZ, together with photographs of the closed site, to the environmental bureau in the division's Santa Fe office.

CERTIFICATION

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

Name:	Title:
Signature:	Date:
E-mail Address:	
OCD REGISTRATION: Approved. Date :	Denied. Date:
OCD Representative Signature:	
Title:	OCD Registration Number:
FINAL CLOSURE REPORT	
Were the landfarmed soils able to achieve the closure performance stadate? Yes No (Please provide laboratory analytical researchers) benzene, as determined by EPA SW-846 method 8021 B or 826. Total BTEX, as determined by EPA SW-846 method 8021 B or TPH, as determined by EPA SW-846 method 418.1 or other EP mg/kg; the GRO and DRO combined fraction, as determined by chlorides, as determined by EPA method 300.1, shall not exceed	sults) 60B, shall not exceed 0.2 mg/kg; 8260B, shall not exceed 50 mg/kg; A method approved by the division, shall not exceed 2500 pc EPA SW-846 method 8015M, shall not exceed 500 mg/kg; and
 If yes, were the additional closure requirements listed below satisfied The operator shall re-vegetate soils remediated to the closure per Paragraph (6) of Subsection A of 19.15.36.18 NMAC. If the operator returns remediated soils to the original site, or with in active soil to the standards in Paragraph (6) of Subsection The operator shall remove berms on the small landfarm and buing the operator shall clean up the site and collect one vadose zone treatment zone, or in an area where liquids may have collected a collected and analyzed using the methods specified above for Technology. 	erformance standards if left in place in accordance with a sith division permission, recycles them, re-vegetate the cell filled on A of 19.15.36.18 NMAC; and equipment; and esoil sample from three to five feet below the middle of the due to rainfall events; the vadose zone soil sample shall be
If no, were the landfarmed soils that have not or cannot be remediated removed to a division-approved surface waste management facility, a (6) of Subsection A of 19.15.36.18 NMAC and re-vegetated? CERTIFICATION I hereby certify that the information submitted with this final closure and belief.	nd the cell filled in with native soil to the standards in Paragraph es No (Please provide photos)
Name: Mitch Killough	Title: Environmental Specialist
Signature: Mh http	Date: 9/6/2023
E-mail Address: mkillough@hilcorp.com	
OCD CLOSURE REVIEW: \(\overline{\text{X}} \) Closure Approved. Date: November Comments: OCD Representative Signature:	er 1, 2023 Closure Denied. Date:
Title: Brad A. Jones - Environmental Specialist	OCD Registration Number: NM3-003
	Form C-137 EZ

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 263364

CONDITIONS

Operator:	OGRID:	
HILCORP ENERGY COMPANY	372171	
1111 Travis Street	Action Number:	
Houston, TX 77002	263364	
	Action Type:	
	[C-137] Small Landfarm Final Closure (C-137EZB)	

CONDITIONS

Created By	Condition	Condition Date
bjones	None	11/1/2023