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

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

Form C-144 Revised April 3, 2017

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.

For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Proposed Alternative Method Permit or Closure Plan Application

BGT1	Type of action: Below grade tank registration Permit of a pit or proposed alt Closure of a pit, below-grade Modification to an existing pe Closure plan only submitted for proposed alternative method Instructions: Please submit one application (Form C-14)	ternative method tank, or proposed alternative remit/or registration for an existing permitted or not	n-permitted pit, below-grade tank,	
	nat approval of this request does not relieve the operator of liab loes approval relieve the operator of its responsibility to comp	pility should operations result in po	llution of surface water, ground water or the	
ı. Operator:	Hilcorp Energy Company	OGRID #:	372171	
Address:	382 Road 3100 Aztec, NM 87410			
Facility or well no	ame: SAN JUAN 22			
API Number:	3004507687 OCD	Permit Number:		
U/L or Qtr/Qtr _	E Section 33 Township 29N	Range 9W County:	San Juan	
Center of Propose	ed Design: Latitude <u>36.68442</u>	Longitude107.791	<u>26</u> NAD27	
Surface Owner:	🛮 Federal 🗌 State 🗌 Private 🔲 Tribal Trust or Indian A	llotment		
Temporary:	tion F, G or J of 19.15.17.11 NMAC Drilling	E HDPE PVC Other		
Subsection I of 19.15.17.11 NMAC Subsection I of 19.15.17.11 NMAC Subsection I of 19.15.17.11 NMAC Produced Water				
4. Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.				
Chain link, siz	ght, four strands of barbed wire evenly spaced between one	d if located within 1000 feet of a		

Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Netting Other Monthly inspections (If netting or screening is not physically feasible)	
7.	
Signs: Subsection C of 19.15.17.11 NMAC ☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers ☐ Signed in compliance with 19.15.16.8 NMAC	
8. Variances and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: □ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. □ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
9. Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptate 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
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No 図 NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks) - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. (Does not apply to below grade tanks) - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	Yes No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ 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 N Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the doc attached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19. and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number: or Permit Number:	NMAC 15.17.9 NMAC
11. Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC	
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the doc attached. Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC A List of wells with approved application for permit to drill associated with the pit. Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 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 attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H ₂ S, Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	documents are
Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well Final Alternative	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 Alternative Closure Method	
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be a closure plan. Please indicate, by a check mark in the box, that the documents are attached. □ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC □ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC □ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) □ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	attached to the
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. P. 19.15.17.10 NMAC for guidance.	
Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal houndaries or within a defined municipal frash water well field covered under a municipal ordinance	

1 4 1 2 2 3 3 5 4 1 2 7 0 0 2 2 2 2 7 2 2 3 1 1				
adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No			
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No			
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological				
Society; Topographic map Within a 100-year floodplain.	☐ Yes ☐ No			
- FEMA map	☐ Yes ☐ No			
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC				
17. Operator Application Certification:				
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and bel				
Name (Print): Title:				
Signature: Date:				
e-mail address: Telephone:				
18. OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)				
OCD Representative Signature: Approval Date:				
Title: OCD Permit Number:				
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: 09/16/202	t complete this			
20.				
Closure Method: ☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-le ☐ If different from approved plan, please explain.	pop systems only)			

22.		
Operator Closure Certification:		
I hereby certify that the information and attachments submitted with		
belief. I also certify that the closure complies with all applicable clo	osure requirements	and conditions specified in the approved closure plan.
Name (Print): Tammy Jones	Title:	Operations/Regulatory Technician – Sr
Signature: Tammy Jones		Date: <u>10/14/2024</u>
e-mail address: tajones@hilcorp.com	Telephone:	(505) 324-5185

Form C-144
Released to Imaging: 10/17/2024 4:33:26 PM

Hilcorp Energy Company BGT Modification

Hilcorp Energy Company is requesting to modify the below-grade tank permit for SAN JUAN 22 (30.045.07687) as follows:

- Hilcorp Energy would like to base the BGT permit/registration on the current 19.15.17 NMAC rule. The closure plan includes an updated confirmation sampling limits, Table I attached.
- Hilcorp Energy requests approval to use the 8015D method and add together DRO, MRO and GRP for TPH result.

Table I						
Closure Criteria for Soils Beneath Below-Grade Tanks, Drying Pads Associated with Closed-Loop Systems and Pits where Contents are Removed						
	•					
Depth below bottom of	Constituent	Method*	Limit**			
pit to groundwater less						
than 10,000 mg/l TDS						
≤50 feet	Chloride	EPA 300.0	600 mg/kg			
≥50 leet	TPH	EPA SW-846 Method 418.1	100 mg/kg			
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg			
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg			
E4 foot 400 foot	Chloride	EPA 300.0	10,000 mg/kg			
51 feet-100 feet	TPH	EPA SW-846 Method 418.1	2,500 mg/kg			
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg			
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg			
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg			
> 100 foot	Chloride	EPA 300.0	20,000 mg/kg			
> 100 feet	TPH	EPA SW-846 Method 418.1	2,500 mg/kg			
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg			
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg			
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg			

^{*}Or other test methods approved by the division

^{**}Numerical limits or natural background level, whichever is greater

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

Lease Name: SAN JUAN 22 **API No.:** 30-045-07687

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

General Plan Requirements:

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

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

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

Notification is attached.

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

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

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

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

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)

Tammy Jones

From: Adeloye, Abiodun A <aadeloye@blm.gov>

Sent: Friday, May 3, 2024 7:58 AM

To: Tammy Jones; Brandon Sinclair; Clara Cardoza; Dale Crawford; Mike Murphy; Mitch Killough; Ben

Mitchell; Ramon Hancock; Lisa Jones; Wells, Shelly, EMNRD; Victoria Venegas

(Victoria.Venegas@emnrd.nm.gov); John LaMond; Farmington Regulatory Techs; James Osborn

Subject: RE: [EXTERNAL] 72 Hour BGT Closure Notification - SAN JUAN 22 (API# 30-045-07687)

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

Thanks, Tammy.

Abiodun Adeloye (Emmanuel) Natural Resources Specialist (NRS) 6251 College Blvd., Suite A Farmington, NM 87402 Office: 505-564-7665

Mobile: 505-635-0984

From: Tammy Jones <tajones@hilcorp.com> Sent: Thursday, May 2, 2024 7:19 AM

To: Adeloye, Abiodun A <aadeloye@blm.gov>; Brandon Sinclair <Brandon.Sinclair@hilcorp.com>; Clara Cardoza <ccardoza@hilcorp.com>; Dale Crawford <dcrawford@hilcorp.com>; Mike Murphy <mmurphy@hilcorp.com>; Mitch Killough <mkillough@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Ramon Hancock <Ramon.Hancock@hilcorp.com>; Lisa Jones <ljones@hilcorp.com>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Victoria Venegas (Victoria.Venegas@emnrd.nm.gov) < Victoria.Venegas@emnrd.nm.gov); John LaMond < Jlamond@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; James Osborn <josborn@hilcorp.com>

Subject: [EXTERNAL] 72 Hour BGT Closure Notification - SAN JUAN 22 (API# 30-045-07687)

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Subject: 72 Hour BGT Closure Notification

Anticipated Start Date: Friday, 05/10/2024 at 8:30 AM MST

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

Well Name: SAN JUAN 22

API#: 30-045-07687

Location: Unit E, Section 33, T29N, R09W

Footages: 1850' FNL & 1180' FWL

Operator: Hilcorp Energy Surface Owner: FEDERAL

Reason: Well has been P&A'd.

Please Note Required Photos for Closure

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

Thanks,

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

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







District I
1625 N. French Dr., Hobbs, NM 88240
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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				OGR	RID 372171	
Contact Name Mitch Killough				Cont	Contact Telephone 713-757-5247	
Contact email mkillough@hilcorp.com				Incid	lent #	
Contact mailing address 1111 Travis Street, Houston, Texas 77002						
			Location	n of Releas	se Source	
Latitude 36.6	58442			Longi	tude -107.79126	
			(NAD 83 in a	decimal degrees to	5 decimal places)	
Site Name S	an Juan 22			Site 7	Гуре Well	
Date Release	Discovered	: N/A		API#	÷ 30-045-07687	
	I a .:					
Unit Letter E	Section 33	Township 29N	Range 09W	San Juan	County	
L	33	2911	09 **	San Juan		
Surface Owne		☐ Federal ☐ T	Nature ar		of Release	
Crude Oi		Volume Release		ch calculations or s	volume Recovered (bbls)	
Produced		Volume Releas			Volume Recovered (bbls)	
Is the concentration of dissolved chlorid produced water >10,000 mg/l?			ation of dissolved	chloride in the	Yes No	
Condensa	ate	Volume Releas			Volume Recovered (bbls)	
☐ Natural C	Gas	Volume Releas	ed (Mcf)		Volume Recovered (Mcf)	
Other (describe) Volume/Weight Released (provide units			t Released (provi	de units)	Volume/Weight Recovered (provide units)	
that TPH exc potential rele	guidance a eeded the mase occurre	naximum BGT clo d. However, TPH	osure criteria thre I did not exceed t	shold shown in he Closure Crit	d that no release needs to be reported. Hilcorp determined Condition 5 of the closure plan. Thus, indicating that a teria for Soils Beneath Below-Grade Tanks listed in current of this, Hilcorp respectfully requests 1) a modification to the	

current BGT permit/registration allowing Hilcorp to compare the laboratory analytical to the current 19.15.17 NMAC rule and 2) approval to use EPA Method 8015D for TPH analysis. Hilcorp has also attached the Exception/Variance Request (dated 8/15/2024).

Received by OCD: 10/14/2024 10:43:16 AM State of New Mexico
Page 2 Oil Conservation Division

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Page	80	# h
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Incident ID	
District RP	
Facility ID	
Application ID	

XX7 .1' '	TCYPC C 1 / / 1 / / 11	
Was this a major release as defined by	If YES, for what reason(s) does the responsible	e party consider this a major release?
19.15.29.7(A) NMAC?	N/A	
☐ Yes ⊠ No		
If YES, was immediate no	notice given to the OCD? By whom? To whom?	? When and by what means (phone, email, etc)?
	T ** 1D	
	Initial Resp	onse
The responsible	party must undertake the following actions immediately unle	ess they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
The impacted area ha	as been secured to protect human health and the	environment.
Released materials ha	ave been contained via the use of berms or dikes	, absorbent pads, or other containment devices.
All free liquids and re	recoverable materials have been removed and ma	anaged appropriately.
If all the actions describe	ed above have <u>not</u> been undertaken, explain why:	
Not Required		
Not Kequired		
Per 19 15 29 8 B (4) NM	MAC the responsible party may commence remed	diation immediately after discovery of a release. If remediate
		rts have been successfully completed or if the release occurr
within a lined containment	nt area (see 19.15.29.11(A)(5)(a) NMAC), pleas	e attach all information needed for closure evaluation.
		of my knowledge and understand that pursuant to OCD rules and
		ions and perform corrective actions for releases which may endanger does not relieve the operator of liability should their operations have
failed to adequately investig	gate and remediate contamination that pose a threat to	groundwater, surface water, human health or the environment. In
	of a C-141 report does not relieve the operator of response	onsibility for compliance with any other federal, state, or local laws
and/or regulations.		
Printed Name: Mitch	Killough	Title:Environmental Specialist_
3	John John	00/4/2/2024
Signature:		Date:09/16/2024
email:mkillough@	@hilcorp.com Te	elephone:713-757-5247
	•	<u>-</u>
OCD Only		
Received by:	Da	ate:

Mitch Killough

From: Kennedy, Joseph, EMNRD < Joseph.Kennedy@emnrd.nm.gov>

Sent: Friday, August 16, 2024 11:56 AM

To: Mitch Killough

Subject: [EXTERNAL] Hilcorp - Legacy BGT Closures - 19.15.17.13 NMAC Guidance for API# 30-045-07687 San Juan 22

Attachments: C-141 Filing (exception_variance request) - San Juan 22 - 08152024.pdf

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

Dear Mr. Killough,

OCD has reviewed the email dated 8/15/2024, submitted to my supervisor, Leigh Barr, from Hilcorp Energy Company (HEC) and found that the 5 point composite sample taken below the BGT associated with API: 30-045-07687 San Juan 22, has results for TPH (utilizing DRO+MRO+GRO) of 148 mg/kg, which exceeds the limit of the permit/registration of 12/22/08. This BGT was permitted/registered under the older 19.15.17 NMAC rule which states a maximum TPH limit of 100 mg/kg. These limits were also included in the approved closure plan.

OCD has also determined that the depth to groundwater determination in the aforementioned permit/registration, approved by the OCD, is greater than 100' feet. The OCD understands that the current 19.15.17 NMAC rule has a less stringent TPH limit, and that HEC did not exceed the TPH limit in the current rule, based on this depth to groundwater. Therefore, HEC can request a modification to their existing permit/registration utilizing the C-144 Form. The modification request should state that HEC wants their BGT permit/registration to be based on the current 19.15.17 NMAC rule. HEC also needs to include an update to the closure plan's confirmation sampling limits. No release needs to be reported.

Please note that Table 1 of 19.15.17.13 NMAC specifies that TPH be analyzed using EPA SW-846 Method 418.1. The lab report HEC submitted to OCD on 8/15/2024 shows the analysis for TPH used method 8015D for DRO, GRO and MRO. HEC should request approval to use these methods and add together DRO, MRO and GRO for TPH result, and include this in your modification request.

For simplicity, HEC can combine theses modification requests in conjunction with the final closure report.

The OCD is granting approval for HEC to backfill the area and then to proceed with revegetation. Once closure is completed, HEC must submit a final closure report that addresses all components in the approved closure plan (e.g., waste disposal methods/disposal site name, proof surface owner was notified, etc.). HEC must submit the final closure report, utilizing the C-144 Form, to the OCD within 60-days of closure completion. In this C-144 application, HEC also needs to ask for the modification request and check the Type of action

"Modification to an existing permit/or registration" in conjunction with the "Closure of a pit, below-grade tank, or proposed alternative method." All applicable sections for the closure report need to be filled out and section 16 needs to be checked for "Confirmational Sampling Plan." HEC needs to include the updated closure plan's confirmation sampling limits.

Please do not hesitate to contact me if you have any questions.

Respectfully,

Joe Kennedy • Environmental Scientist Specialist - Advanced Environmental Bureau
EMNRD - Oil Conservation Division
1220 S. Saint Francis Drive | Santa Fe, New Mexico 87505
(505) 549-5583 | joseph.kennedy@emnrd.nm.gov
www.emnrd.nm.gov

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Hilcorp Energy Company				OGRID 3	OGRID 372171				
Contact Name Mitch Killough				Contact T	Contact Telephone 713-757-5247				
Contact ema	il mkillougł	n@hilcorp.com		Incident #	#				
Contact mail 77002	ing address	1111 Travis Stre	eet, Houston, Texa	as					
			Location	of Release S	Source				
Latitude 36.6	58442 <u> </u>		(NAD 83 in de	Longitude ecimal degrees to 5 deci	-107.79126 imal places)				
Site Name Sa	an Juan 22			Site Type	Well				
		5/28/2024 @ 05 catory report rece		API# 30-0	045-07687				
Unit Letter	Section	Township	Range	Cour	inty				
Е	33	29N	09W	San Juan					
			ıll that apply and attacl	d Volume of a	ic justification for the volumes provided below)				
Crude Oi		Volume Release			Volume Recovered (bbls)				
□ Produced	Water	Volume Release	ed (bbls) Unknow	vn	Volume Recovered (bbls)				
		Is the concentra produced water	tion of dissolved of >10,000 mg/l?	chloride in the	☐ Yes ☐ No				
Condensa	nte	Volume Release			Volume Recovered (bbls)				
Natural C	as	Volume Release	ed (Mcf)		Volume Recovered (Mcf)				
Other (describe) Volume/Weight Released (provide units				le units)	Volume/Weight Recovered (provide units)				
Cause of Rel Historical rel for additiona	ease discove		rmanent removal	of a below-grade ta	ank (BGT). Refer to attached memo (dated 8/15/2024)				
shown in Co	ndition 5 of t	the closure plan.	Thus, indicating the	hat a potential relea	(TPH) exceeded the BGT closure criteria thresholds as eoccurred. However, TPH did not exceed the Closure NMAC for groundwater depths (>100 ft).				

Received by OCD: 10/14/2024 10:43:16 AM State of New Mexico
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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		
If VES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
ii 125, was iiiiiiediate iid	once given to the OCD: By whom: To wh	oni: when and by what means (phone, email, etc):
	Initial Re	esponse
The responsible p	party must undertake the following actions immediatel	unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
<u></u>	s been secured to protect human health and	the environment.
	•	ikes, absorbent pads, or other containment devices.
	ecoverable materials have been removed and	l managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain v	vhy:
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.
regulations all operators are public health or the environmental to adequately investigated to adequately investigated.	required to report and/or file certain release notion ment. The acceptance of a C-141 report by the Cate and remediate contamination that pose a thre	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name:Mitch	Killough	Title:Environmental Specialist
Signature:	the Soft	Date:08/15/2024
email:mkillough@	hilcorp.com	Telephone:713-757-5247
OCD Only		
Received by:		Date:



Memorandum

To: Energy, Minerals, and Natural Resources Department (EMNRD) – Permitting Program

From: Mitch Killough, Hilcorp Energy Company (Hilcorp)

Date: 8/15/2024

Subject: San Juan 22 – Permanent Closure of a Below-Grade Tank (BGT) – Exception/Variance Request

On 5/2/2024, Hilcorp submitted a 72-hour notice prior to the permanent closure of a BGT at the San Juan 22, San Juan County, New Mexico. As required by Condition 5 (found in the enclosed Closure Plan, certified by Burlington on 12/22/2008), Hilcorp personnel proceeded to collect a 5-pt composite soil sample on 5/10/2024 to determine if any contaminant concentrations exceeded the BGT closure criteria thresholds, per Condition 5. Upon receiving analytical results on 5/28/2024, Hilcorp determined that total petroleum hydrocarbons (TPH) exceeded the BGT closure criteria thresholds shown in Condition 5 of the closure plan. Thus, indicating that a potential release occurred (refer to table below). However, TPH did not exceed the Closure Criteria for Soils Beneath Below-Grade Tanks listed in Table I of 19.15.17.13 NMAC for groundwater depths (>100 ft bgs).

Soil Sample Identification	Sample Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)		GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	GRO+DRO (mg/kg)	TPH (mg/kg)
Bottom Comp	5/10/2024	<0.025	<0.050	<0.050	<0.099	<0.224	<59	<5.0	28	120	<33.0	<153.0
NMOCD BGT Closure Criteria		0.2	NE	NE	NE	50	250	NE	NE	NE	NE	100
Table I of 19.15.17.13 I	MAC	10	NE	NE	NE	50	20,000	NE	NE	NE	1,000	2,500

In accordance with 19.15.17.13(C)(3)(c) NMAC, all contaminant concentrations are less than the parameters listed in Table I of 19.15.17.13 NMAC for groundwater depths (>100 ft). Based on this determination and the date of the BGT registration, Hilcorp respectfully requests an exception/variance approval per 19.15.17.13(E)(5) NMAC (effective 6/16/2008; amended 7/16/2009) to proceed with final backfilling/re-contouring since all laboratory analytes in the 5-point composite soil sample are below closure thresholds listed in Table I of 19.15.29.12 NMAC for groundwater depths (>100 ft) and would be deemed non-reportable to the NMOCD. A Site Characterization performed by Ensolum, LLC is also being provided to further support Hilcorp's determination that this site falls in the least stringent Table 1 closure criteria for both 19.15.17.13 NMAC and 19.15.29.12 NMAC.

If any additional information is needed for this exception/variance request, please let me know.

Enclosures: Eurofins Lab Report (dated 5/28/2024)

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan

Application (certified by Burlington on 12/22/2008) Site Characterization (provided by Ensolum, LLC)

Hilcorp Energy Company

1111 Travis Street, Houston, Texas 77002 T 713.209.2400 F 713.289.2750

Attn: Kate Kaufman Hilcorp Energy PO BOX 4700 Farmington, New Mexico 87499

Generated 5/28/2024 3:29:49 PM

JOB DESCRIPTION

San Juan 22

JOB NUMBER

885-4434-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109

Eurofins Albuquerque

Job Notes

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

Authorization

Generated 5/28/2024 3:29:49 PM

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

Laboratory Job ID: 885-4434-1

Client: Hilcorp Energy Project/Site: San Juan 22

Table of Contents

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Definitions/Glossary

Job ID: 885-4434-1 Client: Hilcorp Energy

Project/Site: San Juan 22

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report. Listed under the "D" column to designate that the result is reported on a dry weight basis

Percent Recovery %R CFL Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

Detection Limit (DoD/DOE) DL

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

Estimated Detection Limit (Dioxin) EDL LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

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

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Albuquerque

Case Narrative

Client: Hilcorp Energy Job ID: 885-4434-1 Project: San Juan 22

Job ID: 885-4434-1 Eurofins Albuquerque

Job Narrative 885-4434-1

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

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

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

Receipt

The sample was received on 5/14/2024 6:55 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0° C.

Gasoline Range Organics

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

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

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Client Sample Results

Client: Hilcorp Energy Job ID: 885-4434-1

Project/Site: San Juan 22

Surrogate

Analyte

Chloride

Di-n-octyl phthalate (Surr)

Method: EPA 300.0 - Anions, Ion Chromatography

Client Sample ID: Bottom Comp

Date Collected: 05/10/24 13:30 Date Received: 05/14/24 06:55 Lab Sample ID: 885-4434-1

Prepared

05/15/24 11:48

Prepared

05/15/24 14:26

Analyzed

05/15/24 16:27

Analyzed

05/15/24 22:45

Matrix: Solid

Method: SW846 8015D - Gasoline	e Range Organ	ics (GRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		05/14/24 14:16	05/16/24 21:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		35 - 166			05/14/24 14:16	05/16/24 21:38	1
- Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		05/14/24 14:16	05/16/24 21:38	1
Ethylbenzene	ND		0.050	mg/Kg		05/14/24 14:16	05/16/24 21:38	1
Toluene	ND		0.050	mg/Kg		05/14/24 14:16	05/16/24 21:38	1
Xylenes, Total	ND		0.099	mg/Kg		05/14/24 14:16	05/16/24 21:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			05/14/24 14:16	05/16/24 21:38	1
Method: SW846 8015D - Diesel R	ange Organics	(DRO) (GC	;)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	28		9.7	mg/Kg		05/15/24 11:48	05/15/24 16:27	1
Motor Oil Range Organics [C28-C40]	120		48	mg/Kg		05/15/24 11:48	05/15/24 16:27	1

Limits

62 - 134

RL

59

Unit

mg/Kg

%Recovery Qualifier

Result Qualifier

93

ND

Eurofins Albuquerque

2

5

7

10

1

Dil Fac

Dil Fac

20

Client: Hilcorp Energy Project/Site: San Juan 22 Job ID: 885-4434-1

Lab Sample ID: MB 885-4964/1-A

Matrix: Solid

Analysis Batch: 5136

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 4964

Prep Batch: 4964

Prep Batch: 4964

MB MB Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Gasoline Range Organics [C6 - C10] ND 5.0 mg/Kg 05/14/24 14:16 05/16/24 11:04

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 87 35 - 166 05/14/24 14:16 05/16/24 11:04

Lab Sample ID: LCS 885-4964/2-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 5136

Spike LCS LCS

%Rec Analyte Added Result Qualifier Unit D %Rec Limits 25.0 24.0 Gasoline Range Organics [C6 mg/Kg 96 70 - 130

C10]

LCS LCS

Surrogate %Recovery Qualifier Limits 189 S1+ 35 - 166 4-Bromofluorobenzene (Surr)

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

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-4964/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 5137

MB MB

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac ND 0.025 05/14/24 14:16 05/16/24 11:04 Benzene mg/Kg Ethylbenzene ND 0.050 mg/Kg 05/14/24 14:16 05/16/24 11:04 Toluene NΠ 0.050 05/14/24 14:16 05/16/24 11:04 mg/Kg Xylenes, Total ND 0.10 mg/Kg 05/14/24 14:16 05/16/24 11:04

MB MB

Surrogate %Recovery Qualifier Limits Dil Fac Prepared Analyzed 48 - 145 4-Bromofluorobenzene (Surr) 05/14/24 14:16 05/16/24 11:04 89

Lab Sample ID: LCS 885-4964/3-A

Matrix: Solid

Analysis Batch: 5137

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 4964

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	1.00	0.917		mg/Kg	<u></u>	92	70 - 130	
Ethylbenzene	1.00	0.878		mg/Kg		88	70 - 130	
m&p-Xylene	2.00	1.76		mg/Kg		88	70 - 130	
o-Xylene	1.00	0.862		mg/Kg		86	70 - 130	
Toluene	1.00	0.864		mg/Kg		86	70 - 130	

LCS LCS

Surrogate %Recovery Qualifier Limits 48 - 145 4-Bromofluorobenzene (Surr) 90

Eurofins Albuquerque

Prep Batch: 5028

Prep Type: Total/NA

Prep Batch: 5028

Client Sample ID: Lab Control Sample

Job ID: 885-4434-1

Client: Hilcorp Energy Project/Site: San Juan 22

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

Lab Sample ID: MB 885-5028/1-A Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 5077

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		05/15/24 11:48	05/15/24 13:49	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		05/15/24 11:48	05/15/24 13:49	1
	Diesel Range Organics [C10-C28]	Analyte Result Diesel Range Organics [C10-C28] ND	Analyte Result Qualifier Diesel Range Organics [C10-C28] ND	Analyte Result Qualifier RL Diesel Range Organics [C10-C28] ND 10	Analyte Result Qualifier RL Unit Diesel Range Organics [C10-C28] ND 10 mg/Kg	Analyte Result Diesel Range Organics [C10-C28] Result ND Qualifier Qualifier RL RR Unit mg/Kg D	Analyte Result Diesel Range Organics [C10-C28] Result ND Qualifier RL Unit mg/Kg D Prepared 05/15/24 11:48	Analyte Result Diesel Range Organics [C10-C28] Result ND Qualifier RL ND Unit mg/Kg D Prepared Prepared Prepared No.15/15/24 11:48 Analyzed 05/15/24 13:49

MB MB

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed Di-n-octyl phthalate (Surr) 92 62 - 134 05/15/24 11:48 05/15/24 13:49

Lab Sample ID: LCS 885-5028/2-A

Matrix: Solid Analysis Batch: 5077

Spike LCS LCS Analyte Added Result Qualifier Unit D %Rec Limits 50.0 48.0 96 60 - 135 Diesel Range Organics mg/Kg

[C10-C28]

LCS LCS

Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 117 62 - 134

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-4995/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 5082

мв мв

Analyte Result Qualifier RL Unit D Dil Fac Prepared Analyzed Chloride ND 1.5 mg/Kg 05/15/24 07:57 05/15/24 10:03

Lab Sample ID: MRL 885-4995/3-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 5082

MRL MRL Spike %Rec Analyte Added Result Qualifier Unit D %Rec Limits 1.50 1.57 105 Chloride mg/L 50 - 150

Lab Sample ID: MB 885-5043/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 5082

мв мв

Dil Fac Analyte Result Qualifier RL Unit Prepared Analyzed Chloride ND 1.5 mg/Kg 05/15/24 14:26 05/15/24 20:29

Lab Sample ID: LCS 885-5043/2-A

Released to Imaging: 10/17/2024 4:33:26 PM

Client Sample ID: Lab Control Sample **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 5082** Prep Batch: 5043 Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Chloride 15.0 14.0 93 90 - 110 mg/Kg

Eurofins Albuquerque

Prep Type: Total/NA Prep Batch: 4995

Prep Type: Total/NA

Prep Batch: 4995

Prep Type: Total/NA Prep Batch: 5043

Job ID: 885-4434-1

Client: Hilcorp Energy Project/Site: San Juan 22

GC VOA

Prep Batch: 4964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4434-1	Bottom Comp	Total/NA	Solid	5030C	
MB 885-4964/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-4964/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-4964/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 5136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4434-1	Bottom Comp	Total/NA	Solid	8015D	4964
MB 885-4964/1-A	Method Blank	Total/NA	Solid	8015D	4964
LCS 885-4964/2-A	Lab Control Sample	Total/NA	Solid	8015D	4964

Analysis Batch: 5137

Lab Sampl 885-4434-1	e ID Client Sample ID Bottom Comp	Prep Typ Total/NA	e Matrix Solid	Method 8021B	Prep Batch 4964
MB 885-49	64/1-A Method Blank	Total/NA	Solid	8021B	4964
LCS 885-4	964/3-A Lab Control Sample	Total/NA	Solid	8021B	4964

GC Semi VOA

Prep Batch: 5028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4434-1	Bottom Comp	Total/NA	Solid	SHAKE	
MB 885-5028/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-5028/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 5073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4434-1	Bottom Comp	Total/NA	Solid	8015D	5028

Analysis Batch: 5077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-5028/1-A	Method Blank	Total/NA	Solid	8015D	5028
LCS 885-5028/2-A	Lab Control Sample	Total/NA	Solid	8015D	5028

HPLC/IC

Prep Batch: 4995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-4995/1-A	Method Blank	Total/NA	Solid	300_Prep	
MRL 885-4995/3-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Prep Batch: 5043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4434-1	Bottom Comp	Total/NA	Solid	300_Prep	
MB 885-5043/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-5043/2-A	Lab Control Sample	Total/NA	Solid	300 Prep	

Analysis Batch: 5082

Г					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-4434-1	Bottom Comp	Total/NA	Solid	300.0	5043
MB 885-4995/1-A	Method Blank	Total/NA	Solid	300.0	4995
MB 885-5043/1-A	Method Blank	Total/NA	Solid	300.0	5043

Eurofins Albuquerque

Released to Imaging: 10/17/2024 4:33:26 PM

QC Association Summary

Client: Hilcorp Energy Job ID: 885-4434-1

Project/Site: San Juan 22

HPLC/IC (Continued)

Analysis Batch: 5082 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-5043/2-A	Lab Control Sample	Total/NA	Solid	300.0	5043
MRL 885-4995/3-A	Lab Control Sample	Total/NA	Solid	300.0	4995

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Eurofins Albuquerque

Lab Chronicle

Client: Hilcorp Energy Job ID: 885-4434-1

Project/Site: San Juan 22

Client Sample ID: Bottom Comp

Date Collected: 05/10/24 13:30 Date Received: 05/14/24 06:55 Lab Sample ID: 885-4434-1

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			4964	AT	EET ALB	05/14/24 14:16
Total/NA	Analysis	8015D		1	5136	JP	EET ALB	05/16/24 21:38
Total/NA	Prep	5030C			4964	AT	EET ALB	05/14/24 14:16
Total/NA	Analysis	8021B		1	5137	JP	EET ALB	05/16/24 21:38
Total/NA	Prep	SHAKE			5028	JU	EET ALB	05/15/24 11:48
Total/NA	Analysis	8015D		1	5073	JU	EET ALB	05/15/24 16:27
Total/NA	Prep	300_Prep			5043	RC	EET ALB	05/15/24 14:26
Total/NA	Analysis	300.0		20	5082	RC	EET ALB	05/15/24 22:45

Laboratory References:

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

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Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-4434-1

Project/Site: San Juan 22

Laboratory: Eurofins Albuquerque

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

Authority	Prog	ram	Identification Number	Expiration Date		
lew Mexico	State)	NM9425, NM0901	02-26-25		
The following analytes a	are included in this report, b	out the laboratory is not certif	ied by the governing authority. This lis	t may include analytes		
for which the agency do	es not offer certification.					
Analysis Method	Prep Method	Matrix	Analyte			
300.0	300_Prep	Solid	Chloride			
8015D	5030C	Solid	Gasoline Range Organics	[C6 - C10]		
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]			
8015D	SHAKE	Solid	Motor Oil Range Organics	[C28-C40]		
8021B	5030C	Solid	Benzene			
8021B	5030C	Solid	Ethylbenzene			
8021B	5030C	Solid	Toluene			
8021B	5030C	Solid	Xylenes, Total			
)regon	NELA	AΡ	NM100001	02-26-25		

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5/28/2024

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-4434-1

Login Number: 4434 List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

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

<u>District !</u> 1625 N. French Dr., Hobbs, NM 88240 State of New Mexico Energy Minerals and Natural Resources Form C-144 July 21, 2008

REGISTERED

For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

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

1 Toposed 7 Heritative internative or electric of electric 1 tail 7 Ipplication
Type of action: X Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
Modification to an existing permit
Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538
Address: PO Box 4289, Farmington, NM 87499
Facility or well name: SAN JUAN 22
API Number: 3004507687 OCD Permit Number:
U/L or Qtr/Qtr: E Section: 33 Township: 29N Range: 9W County: San Juan
Center of Proposed Design: Latitude: 36.68442°N Longitude: -107.79126°W NAD: X 1927 1983
Surface Owner: X Federal State Private Tribal Trust or Indian Allotment
Pit: Subsection F or G of 19.15.17.11 NMAC
Temporary: Drilling Workover
Permanent Emergency Cavitation P&A
Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other
String-Reinforced
Liner Seams: Welded Factory Other Volume: bbl Dimensions L x W x D
Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Other Liner Seams: Welded Factory Other
X Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: 120 bbl Type of fluid: Produced Water Tank Construction material: Metal Secondary containment with leak detection X Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other Liner Type: Thickness mil HDPE PVC X Other Unspecified
Alternative Method:
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Form C-144

Oil Conservation Division

Page 1 of 5

ceived by OCD: 10/14/2024 10:43:16 AM		Page 39 of 6
6 Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)		
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, inst	itution or chu	rch)
Four foot height, four strands of barbed wire evenly spaced between one and four feet		
X Alternate. Please specify 4' hog wire fencing topped with two strands barbed wire.		
7		
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)		
X Screen Netting Other		
Monthly inspections (If netting or screening is not physically feasible)		
8		
Signs: Subsection C of 19.15.17.11 NMAC		
12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers X Signed in compliance with 19.15.3.103 NMAC		
A signed in compitative with 19.15.5.105 NMAC		
9 Administrative Approvals 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:		-
X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for cons (Fencing/BGT Liner)	ideration of a	pproval.
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.		
10 Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable		
source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.		
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes	XNo
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Yes	XNo
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	XNo
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	NA	
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image		
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	No
(Applied to permanent pits)	XNA	
Visual inspection (certification) of the proposed site; Aerial photo; Satellite image		
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes	XNo
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.		
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	XNo
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes	XNo
Within the area overlying a subsurface mine. Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes	XNo
Within an unstable area.	Yes	X No
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	_	
Within a 100-year floodplain - FEMA map	Yes	X No

Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. X Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC.
X 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
X Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
X Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
X Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API or Permit
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API
Previously Approved Operating and Maintenance Plan API
13
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
Hydrogeologic Report - based upon the requirements of Paragraph (I) 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 19.15.17.12 NMAC
Nuisance or Hazardous Odors, including H2S, 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
14
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 X Below-grade Tank Closed-loop System
Proposed Closure Method: X Waste Excavation and Removal (Below-Grade Tank)
Waste Removal (Closed-loop systems only)
On-site Closure Method (only for temporary pits and closed-loop systems)
In-place Burial On-site Trench
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
15
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.
Please indicate, by a check mark in the box, that the documents are attached.
X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

Form C-144

Oil Conservation Division

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Stee	LTanks or Haul-off Bins Only: (19.15.17.13.D NMAC)	
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling are required.	unds and drift cuttings. Use affactiment if more than two j	tactliftes .
Disposal Facility Name:	Disposal Facility Permit #:	
	Disposal Facility Permit #:	
Will any of the proposed closed-loop system operations and associated activities Yes (If yes, please provide the information No	s occur on or in areas that will-not be used for future s	ervice and operations?
Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specification - based upon the appropriate Re-vegetation Plan - based upon the appropriate requirements of Subsective Site Reclamation Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the ap	tion 1 of 19.15.17.13 NMAC	С
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. Recertain siting criteria may require administrative approval from the appropriate district office of for consideration of approval. Justifications and/or demonstrations of equivalency are required.	ecommendations of acceptable source material are provided belor in may be considered an exception which must be submitted to the	ow. Requests regarding changes to Santa Fe Environmental Bureau office
Ground water is less than 50 feet below the bottom of the buried waste. NM Office of the State Engineer - iWATERS database search; USGS: Data obtain	ned from nearby wells	Yes No
Ground water is between 50 and 100 feet below the bottom of the buried waste		Yes No
NM Office of the State Engineer - iWATERS database search; USGS; Data obtain	ned from nearby wells	N/A
Ground water is more than 100 feet below the bottom of the buried waste.	* ***	
NM Office of the State Engineer - iWATERS database search; USGS; Data obtain	ned from nearby wells	Yes No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significal (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	ant watercourse or lakehed, sinkhole, or playa lake	Yes No
Within 300 feet from a permanent residence, school, hospital, institution, or church in e	vistance at the time of initial application	∏Yes ∏No
Visual inspection (certification) of the proposed site; Aerial photo; satellite image	xistence at the time of initial application.	
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existe - NM Office of the State Engineer - iWATERS database: Visual inspection (certification)	nce at the time of the initial application.	YesNo
Within incorporated municipal boundaries or within a defined municipal fresh water we pursuant to NMSA 1978, Section 3-27-3, as amended.	ll field covered under a municipal ordinance adopted	Yes No
 Written confirmation or verification from the municipality; Written approval obtai Within 500 feet of a wetland 	ned from the municipality	Dva. DNa
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspe	ction (certification) of the proposed site	L Tes L No
Within the area overlying a subsurface mine.		Yes No
- Written confiramtion or verification or map from the NM EMNRD-Mining and Mi	neral Division	
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Min Topographic map	eral Resources; USGS; NM Geological Society;	Yes No
Within a 100-year floodplain FEMA map		Yes No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of by a check mark in the box, that the documents are attached.		e plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the appropriate		
Proof of Surface Owner Notice - based upon the appropriate requirement		
Construction/Design Plan of Burial Trench (if applicable) based upon the		15 (7.11.5)4.6
Construction/Design Plan of Temporary Pit (for in place burial of a drying Protocols and Procedures - based upon the appropriate requirements of 19		9.15.17.11 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropriate i		
Waste Material Sampling Plan - based upon the appropriate requirements		
Disposal Facility Name and Permit Number (for liquids, drilling fluids and		not be achieved)
Soil Cover Design - based upon the appropriate requirements of Subsection	on H of 19.15.17.13 NMAC	
Re-vegetation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Re-vegetation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Reserved.		

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Oil Conservation Division

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241			
Operator Application	Certification:		
Operator Application	nformation submitted with this application is true, accurate	uate and complete to the	host of my knowledge and belief
Name (Print):			
· · · · · · · · · · · · · · · · · · ·	Crystal Tafoya	Title:	Regulatory Technician
Signature:	Constal Japana	Date:	12/22/2008
e-mail address:	crystál tatova@conocophillids.com	Telephone:	505-326-9837
20	Incomis Application (including alcohol)	Character Physics (as b.)	Dogo contraction to the
OCD Approval:	Permit Application (including closure plan)	Closure Plan (only)	OCD Conditions (see attachment)
OCD Representative	Signature:		Approval Date:
Title:		OCD Por	nit Number:
		OCD Tell	int Humber.
21			· · · · · · · · · · · · · · · · · · ·
	nired within 60 days of closure completion): Subs		
Instructions: Operators	are required to obtain an approved closure plan prior to	o implementing any close	ure activities and submitting the closure report. The closure
	anomitted to the division within 60 days of the completic as been obtained and the closure activities have been co		s. Please do not complete this section of the form until an
-4 / Commission from the			Completion Date:
		Closur	e Completion Date:
22			
Closure Method:		<u></u>	
Waste Excavatio	n and Removal On-site Closure Method	Alternative Closure	Method Waste Removal (Closed-loop systems only)
☐ If different from	approved plan, please explain.		
23			
	ing Waste Removal Closure For Closed-loop System	s That Utilize Above G	round Steel Tanks or Haul-off Rins Only:
Instructions: Please idea	ntify the facility or facilities for where the liquids, drill	ling fluids and drill cutti	ngs were disposed. Use attachment if more than two facilities
were utilized.			
Disposal Facility Nan	ne:	Disposal Facility	Permit Number:
Disposal Facility Nan			Permit Number:
	system operations and associated activities performed of	_	or be used for future service and opeartions?
Yes (If yes, pleas	e demonstrate complilane to the items below)	_No	
	d areas which will not be used for future service and op	verations:	
=	(Photo Documentation)		
=	and Cover Installation		
Ke-vegetation Ap	plication Rates and Seeding Technique	100	
24			
Closure Report At		owing items must be atta	ched to the closure report. Please indicate, by a check mark in
	e Notice (surface owner and division)		
	Notice (required for on-site closure)		
=	n-site closures and temporary pits)		
=	ampling Analytical Results (if applicable)		
=	Sampling Analytical Results (if applicable)		
<u> </u>	y Name and Permit Number		
	and Cover Installation		
	pplication Rates and Seeding Technique		
	n (Photo Documentation)		5 5
On-site Closure	Location: Latitude:	Longitude:	NAD [1927 [1983
25			•
Operator Closure Cer			
			and complete to the best of my knowledge and belief. I also certify that
the closure complies with	all applicable closure requirements and conditions spe	ecified in the approved c	losure plan.
Name (Print):		Title:	
Signature:		Date:	
a mail adde		Talanhama	
e-mail address:		Telephone:	

Form C-144

Oil Conservation Division

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New Mexico Office of the State Engineer POD Reports and Downloads

	NAD27 X:	Y:	Zone:	Sear	rch Radius:	
County:		Basin:	_	Number:	Suffix:	
Owner Na	ame: (First)	(L	ast)	C Non-	Domestic C Domestic	c • Al
P	OD / Surface Dat	a Report	Avg Depth to Water	Report	Water Column Rep	ont

WATER COLUMN REPORT 08/20/2008

	(quarter													
	(quarter						smalles	it)		Depth	Depth	Water	(in	feet)
POD Number	Tws	Rng	Sec	g	q e	a	Zone	x	. Y	Well	Water	Column		
SJ 01874	29N	09W	02							28	8	20		
SJ 02347	29N	09W	02	1						25	4	21		
SJ 01983	29N	09W	02	1						25	3	22		
SJ 02346	29N	09W	02	1						25	4	21		
SJ 03138	29N	09W	02	1	1	1				1.1	5	6		
SJ 03044	29N	0.9W	02	1	1 :	2				10				
SJ 03396	29N	09W	02	1	1 :	2				. 10	4	6		
SJ 02677	29N	09W	02	1	1	3				21	7	14		-
SJ 02492	29N	09W	02	1	1	3				13	5	8		
SJ 02478	29N	09W	02	1	1	3				16	8	8		
SJ 02096	29N	09W	02	1	1	4				27	11	16		
SJ 01067	29N	09W	02	1	1	4				25	10	15		
SJ 01066	29N	09W	02	1	1	4				25	10	15		
SJ 01183	29N	09W	02	1	1	4				24	11	13		
SJ 03632	29N	09W	02		2	2				27	7	20		
SJ 01232	29N	09W	02	1	3					25	9	16		
SJ 03080	29N	09W		1	3					35				
SJ 01210	29N	09W	02	1	3	1				26	10	16		
SJ 01460	29N	09W		1	3	1				19	8	11		
SJ 01430	29N	09W	02	1	3	1				24	11	13		
SJ 01203	29N	09W		1	3	1				25	12	13		
SJ 01392	29N	09W	02	1	3	2				25	11	14		
SJ 03003	29N	09W	02	1	3	2				19	6	13		
SJ 01867	29N	09W	02	1	3	2				25	71	-46		
SJ 01579	29N	09W	02	1	3	2				25	12	.13		
SJ 03253	29N	09W	02	1	3	2				16	9	7		
SJ 02600	29N	09W	02	1	4	3				18	8	10		
SJ 03687	29N	09W	02	1	4	3				18	10	8		
SJ 03687 POD1	29N	09W	02	1	4	3				18	10	8		
SJ 03127	29N	09W	02	2	1	2				17	10	7		
SJ 02376	29N	09W	03	1	2	4				13	10	3		
SJ 02369	29N	09W	03	1	2	4				23				

SJ	02369 CLW	29N	ng _W	03	1	2	4	4.0		
	02103	29N	09W		1		4	13	10	3
-	01494	29N	09W		2			21	4	17
	03300	29N	09W			2	2	12	5	7
	03362 POD2	29N	09W					21	4	17
	03362	29N	09W		2			21	-6	15
	02567	29N	09W		2			38	12	26
	03200	29N	09W			4		14	2	12
	02946	29N	09W		3		1	28	13	15
	03491	29N	09W		4		1	95	40	55
	03490	29N	09W			1		70		
	03566	29N	09W		1			42	20	22
	03531	29N	09W		1		4	30		
	03530	29N	09W			4		30		
	03466	29N			1		1	30		
	02554	29N	09W		2	1		40		
	03118	29N	09W		2	1		13	5	8
	03599	29N	09W		2	2		250		
	03092	29N	09W		4	1		42	20	22
	03182		09W		4	1		40	16	24
	00584	29N	09W		4	1	1	42	18	24
	00785	29N 29N	09W		3	4	_	143	40	103
	03389	29N	09W		3	4		60		
	03536	29N	09W 09W		4		2	20		
	01176	29N	09W		4	4	2	19	6	13
	02822	29N	09W		1		2	150	70	80
	00436	29N	09W			1	3	100		
	03534	29N	09W		1		2	150	100	50
	02279	29N	09W			1		41	24	17
	00102	29N	09W		1	1 2		30	6	24
	02883	29N	09W		_	3	1	20	5	15
	03185	29N	09W		3	4		123	87	36
	03430	29N	09W				1	220	100	120
	03428	29N	09W			2		21	1	20
	00099	29N	09W		2	4	4	21	5	16
-	00097	29N	09W			4		. 16	4	12
	00101	29N	09W			4		16	4	12
	00098	29N	09W			4		16	4	12
	00100	29N	09W			1		16	4	12
	00096	29N	09W		4			16	4	12
	00095	29N	09W			2		16	4	12
	02910	29N	09W				1	16	4	12
	00094	29N	09W				2	20		
	00093	29N	09W			4		15		
					_	_	_	155		

Record Count:

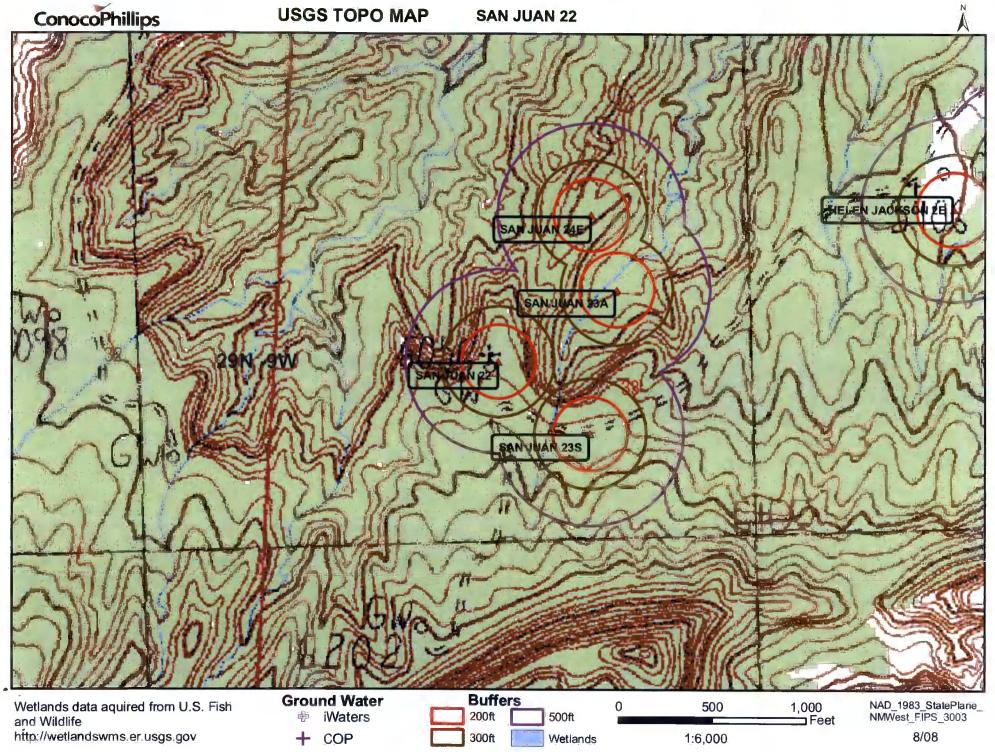
New Mexico Office of the State Engineer POD Reports and Downloads

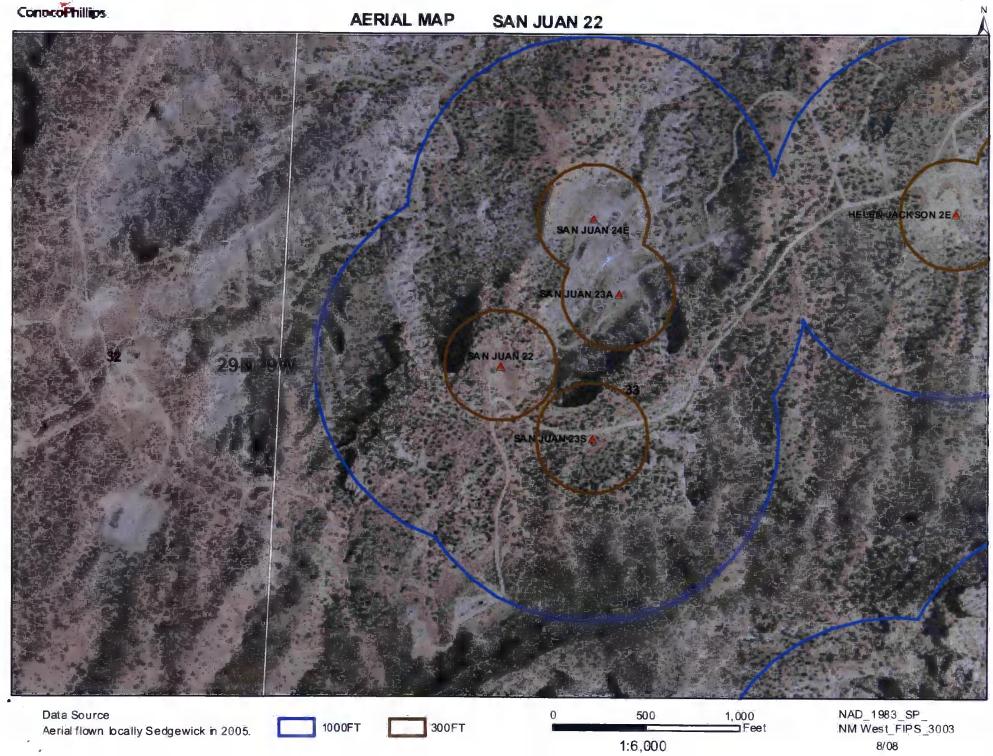
Township: 28N Range	09W Sections:
NAD27 X: Y:	Zone: Search Radius:
County: Basin:	Number: Suffix:
Owner Name: (First)	(Last) C Non-Domestic C Domestic C All
POD / Surface Data Report	Avg Depth to Water Report Water Column Report
Clear I	form iWATERS Menu Help

WATER COLUMN REPORT 08/21/2008

							3=SW 4=SE) smallest)			Depth	Depth	Water (in
POD Wumber	Tws	Rng	Sec	P	Q	QI	Zone	x	Y	Well	Water	Column
SJ 03746 POD1	28N	09W	20	1	2	3				190	40	150
SJ 00018	28N	09W	20	3	1	4				135	71	64
SJ 02800	28N	09W	24	4	2	3				200		

Record Count: 3

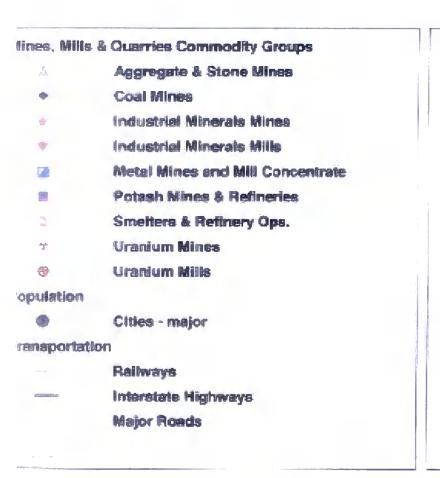


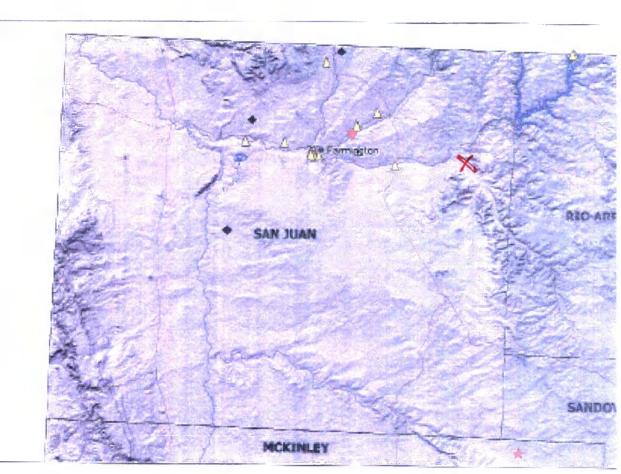


Mines, Mills and Quarries Web Map

SAN JUAN 22

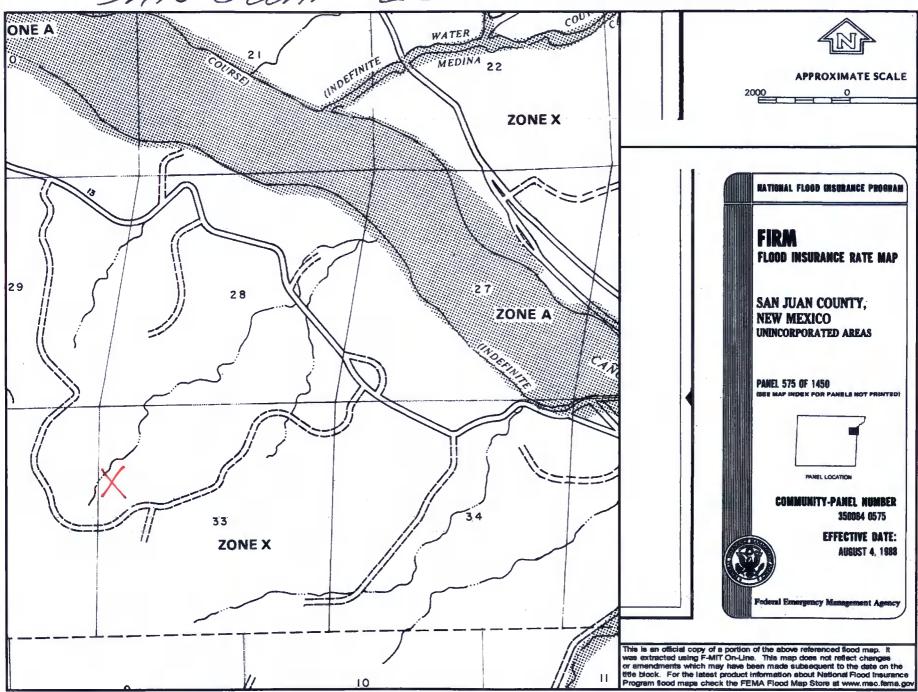
Unit Letter: E, Section: 33, Town: 029N, Range: 009W







SAN JUAN 22



SAN JUAN 22

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'SAN JUAN 22', which is located at 36.68442 degree, North latitude and 107.79126 degree, West longitude. This location is located on the Blanco 7.5' USGS topographic quadrangle. This location is in section 33 of Township 29 North Range 9 West of the Public Land Survey System (New Mexico Principal Meridian). This location is located in San Juan County, New Mexico. The nearest town is Blanco, located 3.4 miles to the northwest. The nearest large town (population greater than 10,000) is Farmington, located 23.2 miles to the west (National Atlas). The nearest highway is US Highway 64, located 2.9 miles to the north. The location is on BLM land and is 1,295 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Blanco Canyon. New Mexico, Sub-basin. This location is located 1810 meters or 5936 feet above sea level and receives 11 inches of rain each year. The vegetation at this location is classified as Colorado Plateau Mixed Bedrock Canyon and Tableland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 281 feet. This estimation is based on the data published on the New Mexico Engineer's iWaters Database website and water depth data from ConocoPhillips' Cathodic wells. Groundwater data available from the NM State Engineer's iWaters Database for wells near the proposed site are attached. The nearest stream is 139 feet to the east and is classified by the USGS as an intermittent stream. The nearest perennial stream is 4,474 feet to the northeast. The nearest water body is 4,465 feet to the northeast. It is classified by the USGS as an intermittent lake and is 0.2 acres in size. The nearest spring is 14,467 feet to the east. All stream, river, water body and spring information was determined as per the USGS Hydrographic Dataset (High Resolution), downloaded 3/2008. The nearest water well is 3,935 feet to the southeast. The nearest wetland is a 0.2 acre other located 6,734 feet to the northwest. The slope at this location is 12 degree, to the northeast as calculated from USGS 30M National Elevation Dataset. This information is also discerned from the aerial and topographic map included. The surface geology at this location is NACIMIENTO FORMATION--Shale and sandstone with a Shale dominated formations of all ages substrate. The soil at this location is 'Badland-Rock outcrop-Persayo complex, extremely steep' and is not hydric with severe erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 20.0 miles to the north as indicated on the Mines, Mills and Quarries Map of New Mexico provided.

Regional Geological context:

The Nacimiento Formation is of Paleocene age (Baltz, 1967, p. 35). It crops out in a broad band inside the southern and western margins of the central basin and in a narrow band along the west face of the Nacimiento Uplift. The Nacimiento is a nonresistant unit and typically erodes to low, rounded hills or forms badland topography.

The Nacimiento Formation occurs in approximately only the southern two-thirds of the San Juan Basin where it conformably overlies and intertongues with the Ojo Alamo Sandstone (Fassett, 1974, p. 229). The Nacimiento Formation grades laterally into the main part of the Animas Formation (Fassett and Hinds, 1971, p. 34); thus, in this area, the two formations occupy the same stratigraphic interval.

Strata of the Nacimiento Formation were deposited in lakebeds in the central basin area with lesser deposition in stream channels (Brimhall, 1973, p. 201). In general, the Nacimiento consists of drab, interbedded black and gray shale with discontinuous, white, medium- to very coarse grained arkosic sandstone (Stone e al., 1983, p.30). Stone et al. indicated that the formation may contain more sandstone than commonly reported because some investigators assume the slope-forming strata in the unit area shales, whereas in many places the strata actually are poorly consolidated sandstones.

Total thickness of the Nacimiento Formation ranges from about 500 to 1,300 feet. The unit generally thickens from the basin margins toward the basin center (Steven et al., 1974). The sandstone deposits within the Nacimiento Formation are much thinner than the total thickness of the formation because their environment of deposition was localized stream channels (Brimhall, 1973, p. 201). The thickness of the combined San Jose, Animas, and Nacimiento Formations ranges from 500 to more than 3.500 feet.

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Hydraulic Properties:

Reported well yields for 53 wells completed in either the Animas or Nacimiento Formations range from 2 to 90 gallons per minute and the median yield is 7.5 gallons per minute. The primary use of water from Nacimiento and Animas Formations is domestic and livestock supplies. There are no known aquifer tests for the Animas or Nacimiento Formations, but specific capacities reported for six wells range from 0.24 to 2.30 gallons per minute per foot of drawdown (Levings et al., 1990).

The Animas and Nacimiento Formations are in many ways hydrologically similar to the San Jose Formation because sands in both units produce approximately the same quantities of water. However, the greater percentage of fine materials in the Animas and Nacimiento Formations may restrict downward vertical leakage to the Ojo Alamo Sandstone or Kirtland Shale. The poorly cemented fine material is highly erodible, forms a badland terrain, and supports only spotty vegetation. These conditions are more conductive to runoff than retention of precipitation.

References:

Baltz, E.H., 1967, Stratigraphy and regional tectonic implications of part of Upper Cretaceous rocks, east-central San Juan Basin, New Mexico: USGS Professional Paper 552, 101 p.

Brimhall, R.M., 1973, Ground-water hydrology of Tertiary rocks of the San Juan Basin, New Mexico, in Fassett, J.E., ed., Cretaceous and Tertiary rocks of the Southern Colorado Plateau: Four Corners Geological Society Memoir, p. 197-207.

Fassett, J.E., 1974, Cretaceous and Tertiary rocks of the eastern San Juan Basin, New Mexico and Colorado, in Guidebook of Ghost Ranch, central-northern New Mexico: New Mexico Geological Society, 25th Field Conference, p. 225-230.

Fassett, J.E., and Hinds, J.S., 1971, Geology and fuel resources of the Fruitland Formation and Kirtland Shale of the San Juan Basin, New Mexico and Colorado: USGS Professional Paper 676, 76 p. Levings, G.W., Craigg, S.d., Dam, W.L., Kernodle, J.M., and Thorn, C.R., 1990, Hydrogeology of the San Jose, Nacimiento, and Animas Formations in the San Juan structural basin, New Mexico, Colorado, Arizona, and Utah: USGS Hydrologic Investigations Atlas HA-720-A. 2 sheets.

Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., and Padgett, E.T., 1983, Hydrogeology and water resources of San Juan Basin, New Mexico: New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

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

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

General Plan:

- BR will design and construct a properly sized and approved BGT which will contain liquids and should prevent contamination of fresh water to protect the public health and environment.
- 2. BR signage will comply with 19.15.3.103 NMAC when BR is the operator. If BR is not the operator it will comply with 19.15.17.11NMAC. BR includes Emergency Contact information on all signage.
- 3. BR has approval to use alternative fencing that provides better protection. BR constructs fencing around the BGT using 4 foot hog wire fencing topped with two strands of barbed wire, or with a pipe top rail. A six foot chain link fence topped with three strands of barbed wire will be use if the well location is within 1000 feet of permanent residence, school, hospital, institution or church. BR ensures that all gates associated with the fence are closed and locked when responsible personnel are not onsite.
- 4. BR will construct a screened, expanded metal covering, on the top of the BGT.
- 5. BR shall ensure that a below-grade tank is constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight as shown on design drawing and specification sheet.
- The BR below-grade tank system shall have a properly constructed foundation consisting of a level base free of rocks, debris, sharp edges or irregularities to prevent punctures, cracks or indentations of the liner or tank bottom as shown on design drawing.
- 7. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a below-grade tank to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 8. BR will construct and use a below-grade tank that does not have double walls. The below-grade tank's side walls will be open for visual inspection for leaks, the below-grade tank's bottom is elevated a minimum of six inches above the underlying ground surface and the below-grade tank is underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected.

- 9. BR has equipped the below-grade tanks with the ability to detect high level in the tank and provide alarm notification and shutdown process streams into the tank. Once high level is detected RTU logic closes the inlet separator sales valve and does not permit vent valve to open. This shutdown of the sales valve and gagging of the vent valves prevents any hydrocarbon process streams from entering the pit tank once a high level is detected. Furthermore, an electronic page is sent to the BR MSO for that well site and to the designated contract "Water-Hauling" Company indicating a high level and that action must be taken to address this alarm. The environmental drain line from BR's compressor skid under normal operating conditions is in the open position. The environmental drain line is in place to capture any collected rain water or spilled lubricants from our compressor skids. The swab drain line is a manually operated drain and by normal operating procedures is in the closed position. The tank drain line is also a manually operated drain and during normal operations it is in the closed position.
- 10. The geomembrane liner consists of a 45-mil flexible LLDPE material manufactured by Raven Industries as J45BB. This product is a four layer reinforced laminated containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. The J45BB is reinforced with 1300 denier (minimum) tri-directional scrim reinforcement. It exceeds ASTMD3083 standard by 10%. J45BB has a warranty for 20 years from Raven Industries and is attached. It is typically used in Brine Pond, Oilfield Pit liner and other industrial applications. The manufacture specific sheet is attached and the design attached displays the proper installation of the liner.
- 11. The general specification for design and construction are attached in the BR document.

MANUAL OPERATION 1) PRODUCTION TANKS DRAINLINE 2) SWABLINE DRAIN LINE 3) ENVIROMENTAL DRAIN LINE FROM COMPRESSOR SKID DRAIN FROM **SEPARATORS** AUTOMATED OPERATION 1) VENT VALVE DRAIN LINE **SWABLINE** 2) DUMP LINE FROM SEPARATORS 3) AUTOMATIC SHUT OFF LSHH ACTIVATES AT 10' FROM TOP OF TANK VENT LINE ENVIROMENTAL DRAIN LINE 3' TRUCK LOADOUT CONNECTION SLOPE TO DRAIN-TO RTU -TRUCK GROUND CONNECTION TO RTU : EXPANDED METAL COVER DRAIN LINES FROM TANKS LSHH Ш HINGED MANWAY 3' TRUCK LUAD LINE PRIGINAL GRADE CORROGATED RETAINING WALL 4" SLOTTED HEIGHT 56" 'SUPER MUFFLER' SA-36 3/16" PLATE SA-36 1/4" PLATE **DURASKRIM J45 IMPERMEABLE** LINER FOR VISIBLE ဆ LEAK DETECTION PROPERLY CONSTRUCTED FOUNDATION VOID OF ANY SHARP DBJECTS

ConocoPhillips

San Juan Business Unit

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

DURA-SKRIM®

J30, J36 & J45

PROPERTIES	TEST METHOD	, J:	30BB	13	6BB	J45BB		
		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	
Appearance		Blac	ck/Black	Black	/Black	Black	:/Black	
Thickness	ASTM D 5199	27 mil	30 mil	32 mil	36 mil	40 mil	45 mil	
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs (18.14)	140 lbs (20.16)	151 lbs (21.74)	168 lbs (24.19)	189 lbs (27.21)	210 lbs (30.24)	
Construction		**Ext	rusion laminated	with encapsula	Ited tri-direction	1	' '	
Ply Adhesion	ASTM D 413	16 lbs	20 lbs	19 lbs	24 lbs	25 lbs	31 lbs	
1" Tensile Strength	ASTM D 7003	88 lbf MD 63 lbf DD	110 lbf MD 79 lbf DD	90 lbf MD 70 lbf DD	113 lbf MD 87 lbf DD	110 lbf MD 84 lbf DD	138 lbf MD 105 lbf DD	
1" Tensile Elongation @ Break % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD	
1" Tensile Elongation @ Peak % (Scrim Break)	ASTM D 7003	20 MD 20 DD	33 MD 33 DD	20 MD 20 DD	30 MD 31DD	20 MD 20 DD	36 MD 36 DD	
Tongue Tear Strength	ASTM D 5884	75 lbf MD 75 lbf DD	97 lbf MD 90 lbf DD	75 lbf MD 75 lbf DD	104 lbf MD 92 lbf DD	100 lbf MD 100 lbf DD	117 lbf MD 118 lbf DD	
Grab Tensile	ASTM D 7004	180 lbf MD 180 lbf DD	218 lbf MD 210 lbf DD	180 lbf MD 180 lbf DD	222 lbf MD 223 lbf DD	220 lbf MD 220 lbf DD	257 lbf MD 258 lbf DD	
Trapezold Tear	ASTM D 4533	120 lbf MD 120 lbf DD	146 lbf MD 141 lbf DD	130 lbf MD 130 lbf DD	189 lbf MD 172 lbf DD	160 lbf MD 160 lbf DD	193 lbf MD 191 lbf DD	
* Dimensional Stability	ASTM D 1204	<1	<0.5	<1	<0.5	<1	<0.5	
Puncture Resistance	ASTM D 4833	50 lbf	64 lbf	65 lbf	83 lbf	80 lbf	99 lbf	
Maximum Use Temperature		180° F						
Minimum Use Temperature		-70° F						

MD = Machine Direction
DD = Diagonal Directions



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

*Dimensional Stability Maximum Value

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

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

PLANT LOCATION

Sioux Falls, South Dakota

SALES OFFICE

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

08/06

RAVEN Industries

RAVEN INDUSTRIES INC. EXPOSED GEOMEMBRANE LIMITED WARRANTY

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

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

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

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

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

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

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

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

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

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

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

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

General Plan:

- BR will operate and maintain a BGT to contain liquids and solids and maintain
 the integrity of the liner, liner system and secondary containment system to
 prevent contamination of fresh water and protect public health and environment.
 BR will accomplish this by performing an inspection on a monthly basis, installing
 cathodic protection, and automatic overflow shutoff devices as seen on the
 design plan.
- 2. BR will not discharge into or store any hazardous waste in the BGT.
- 3. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a below-grade tank to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 4. As per 19.17.15.12 Subsection D, Paragraph 3, BR will inspect the below-grade tank at least monthly reviewing several items which include 1) containment berms adequate and no oil present, 2) tanks had no visible leaks or sign of corrosion, 3) tank valves, flanges, and hatches had no visible leaks and 4) no evidence of significant spillage of produced liquids. In addition, BR's multi-skilled operators (MSOs) are required to visit each well location once per week. If detected on either inspection, BR shall remove any visible or measurable layer of oil from the fluid surface of a below-grade tank in an effort to prevent significant accumulation of oil overtime. The written record of the monthly inspections will include the items listed above and will be maintained for five years.
- 5. BR shall require and maintain a 10" adequate freeboard to prevent overtopping of the below-grade tank.
- 6. If the below grade tank develops a leak, or if any penetration of the pit liner or below grade tank, occurs below the liquid's surface, then BR shall remove all liquid above the damage or leak line within 48 hours. BR shall notify the appropriate district office. BR shall repair or replace the pit liner or below grade tank, within 48 hours of discovery. If the below grade tank or pit liner does not demonstrate integrity, BR shall promptly remove and install a below grade tank or pit liner that complies with Subsection I of 19.15.17.11 NMAC. BR shall notify the appropriate district office of a discovery of leaks less than 25 barrels as required pursuant to Subsection B of 19.15.3.116 NMAC shall be reported within twenty-four (24) hours of discovery of leaks greater than 25 barrels. In addition, immediate verbal notification pursuant to Subsection B, Paragraph (1), and Subparagraph (d) of 19.15.3.116 NMAC shall be reported to the division's Environmental Bureau Chief.

Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Closure Plan

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure requirements of Below Grade Tanks (BGTs) on Burlington Resources Oil & Gas Company, LP locations hereinafter known as BR locations. This is BR's standard procedure for all BGTs. A separate plan will be submitted for any BGT which does not conform to this plan.

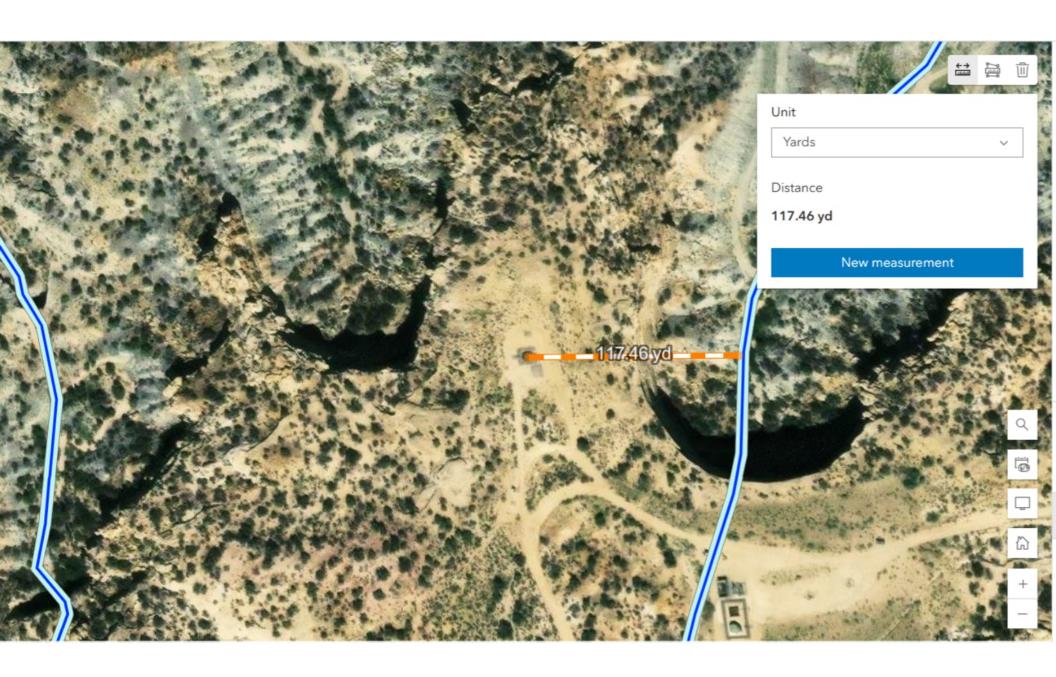
General Requirements:

- 1. BR shall close a below-grade tank within the time periods provided in Subsection A of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I o f19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) permitted below-grade tanks within 60 days of cessation of the below-grade tank's operation., or c) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, BR will file the C144 Closure Report as required.
- 2. BR shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.
- 3. BR will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves. Documentation of how the below-grade tank was disposed of or recycled will be provided in the closure report.
- 4. If there is any on-site equipment associated with a below-grade tank, then BR shall remove the equipment, unless the equipment is required for some other purpose.
- 5. BR shall test the soils beneath the below-grade tank to determine whether a release has occurred. BR shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyze for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 100 mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. BR shall notify the division of its results on form C-141.
- 6. If BR or the division determines that a release has occurred, then BR shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

- 7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, then BR shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.
- 8. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email or verbally. The notification of closure will include the following:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.
- The surface owner shall be notified of BR's closing of the below-grade tank prior to closure as per the approved closure plan via certified mail, return receipt requested.
- 10. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
- 11. BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will used on federally jurisdicted lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. BR will repeat seeding or planting will be continued until successful vegetative growth occurs.
- 12. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.
- 13. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the belowgrade tank. Closure report will be filed on C-144 and incorporate the following:
 - Soil Backfilling and Cover Installation
 - Re-vegetation application rates and seeding techniques
 - Photo documentation of the site reclamation
 - Confirmation Sampling Results
 - Proof of closure notice



		New Mex	cico Site Characte	erization			
REFERENCE		<u>s</u>	ITE INFORMATION		<u>c</u>	OMMENTS	
C-141		Site Name:	San Juan 22				
C-141		Coordinates:	36.68442, -107.7912	6			
C-141		Incident Number:	NA				
C-141		Land Owner:	Federal				
NMOCD O&G Map		Site Elevation (ft):	6,020				
			,				
		DTW INFO	<u>DRMATION</u>				
	Closest Water Well/Soil Boring 2nd Closest Water Well/Soil Boring			<u> </u>	<u>OMMENTS</u>		
	CLOSER		FAI	LSE			
	Name:	SJ-04058-POD1	Name:	SJ-03746-POD1			
	Distance from Site (ft):	8,850	Distance from Site (ft):	13,610			
	Direction from Site:	WSW	Direction from Site:	SW			
Cross reference USGS	Elevation:	5,850 127	Elevation: DTW (ft):	5,750 40			
Map, NMOCD Map,	DTW (ft): Total Depth (ft):	380	Total Depth (ft):	190			
and NMOSE Database	Date of most recent water		Date of most recent water	+			
	level measurement:	11/6/2013	level measurement:	8/8/2006			
	Coordinates:	36.676933, -107.821138	Coordinates:	36.651928, -107.815302			
	170 feet lower in el	evation than the Site		evation than the Site			
		ESTIMA	TED DTW @ SITE:				
		CLOCECT CLO	>100' NIFICANT WATER SOURCE				
			Dry Wash				
NMOCD O&G Map		Type:	350				
		Distance (ft):					
		Direction:	East				
		SITE RE	<u>CEPTORS</u>		Distance from Sit	e (ft) / Comments	
C-141	NO Did this release	impact groundwater or surface	water?		approximately 297	approximately 297 feet below site	
NMOCD O&G Map	NO ≤ 300 ft of a con	NO ≤ 300 ft of a continuously flowing watercourse or any other significant watercourse?		adjacent drainage 350ft to East			
NMOCD O&G Map	NO < 200 ft of any la	akebed, sinkhole, or playa lake?			> 5 miles		
OpenEnviroMap	NO <u>≤</u> 300 ft of an oc	cupied permanent residence, s	chool, hospital, institution, or o	church?	> 2 miles		
NMOCD O&G Map	NO ≤ 500 ft of a spri	ng or a private water well used	by < 5 houses for domestic or	stock watering?	> 2.7 miles		
NMOCD O&G Map	NO ≤ 1000 ft of any	other fresh water well or spring	g?		> 2.7 miles		
OpenEnviroMap	NO < Municipal bou	ndaries or a defined municipal	fresh water well field		> 2 miles		
National Wetlands Inventory	NO ≤ 300 ft of a wet				350 ft E		
NMED Registered Mines Map					> 5 miles		
NMOCD O&G Map	, , ,	ole geology (HIGH KARST)?			> 5 miles		
NMOCD O&G Map	None karst potential				None		
FEMA map	NO in a 100-year flo	odplain?			> 1.4 milesN		
C-141		mpact areas not on an explorat	ion, development, production	or storage site?		NA NA	
0 272		, see an explorati	, , , , , , , , , , , , , , , , , , , ,				
		NMOCD TABLE 1	CLOSURE CRITERIA				
	DRO+ GRO: 1,0	00 mg/kg TPH: 2.5	00 mg/kg Chloride	es: 20,000 mg/kg			





Site Receptor Map

San Juan 22 Hilcorp Energy Company

36.68442, -107.79126 San Juan County, New Mexico FIGURE

1



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 392317

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	392317
	Action Type:
	[C-144] Below Grade Tank Plan (C-144B)

CONDITIONS

Created By	Condition	Condition Date
joseph.kennedy	None	10/17/2024