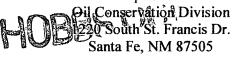
Form C-144 June 24, 2008

District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, 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



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

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

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

	ndividual pit, closed-loop system, below-grade tank or alternative request
	ability should operations result in pollution of surface water, ground water or the ply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: VANGUARD PERMIAN, LLC.	
Address: 1209 SOUTH MAIN LOVINGTON, NEW MEX	GICO 88260
Facility or well name: STATE SEC. "12" # 1	
ADI Number: 30.025. 39047	OCD Permit Number: P1-00207
U/L or Qtr/Qtr E Section 12 Township 17	
	Longitude 103.314985W NAD: \$\times_{4927} \square 1983
Surface Owner: Federal A State Private Tribal Trust or Indian	
Pit: Subsection F or G of 19.15.17.11 NMAC	Closed-loop System: Subsection H of 19.15.17.11 NMAC
Temporary: Drilling Workover	Drying Pad Tanks A Haul-off Bins Other
Permanent Emergency Cavitation Steel Pit	Lined Unlined
Lined Unlined	Liner type: Thickness mil
Liner type: Thicknessmil	☐ Other
Other String-Reinforced	Seams: Welded Factory Other
Seams: Welded Factory Other	Volume:bblyd ³
Volume: bbl Dimensions: L x W x D	Dimensions: Lengthx Width
Below-grade tank: Subsection I of 19.15.17.11 NMAC	Fencing: Subsection D of 19.15.17.11 NMAC
Volume:bbl	☐ Chain link, six feet in height, two strands of barbed wire at top
Type of fluid:	Four foot height, four strands of barbed wire evenly spaced between one and
Tank Construction material:	four feet
Secondary containment with leak detection	Netting: Subsection E of 19.15.17.11 NMAC
	Netting: Subsection E of 19.15.17.11 NMAC Screen Netting Other
Secondary containment with leak detection	
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off	Screen Netting Other
 ☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off ☐ Visible sidewalls and liner 	☐ Screen ☐ Netting ☐ Other ☐ Monthly inspections
 ☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off ☐ Visible sidewalls and liner ☐ Visible sidewalls only 	☐ Screen ☐ Netting ☐ Other ☐ Monthly inspections Signs: Subsection C of 19.15.17.11 NMAC
 ☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off ☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other 	☐ Screen ☐ Netting ☐ Other ☐ Monthly inspections Signs: Subsection C of 19.15.17.11 NMAC ☐ 12'x24', 2' lettering, providing Operator's name, site location, and
□ Secondary containment with leak detection □ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off □ Visible sidewalls and liner □ Visible sidewalls only □ Other Liner type: Thickness mil □ HDPE □ PVC □ Other	☐ Screen ☐ Netting ☐ Other ☐ Monthly inspections Signs: Subsection C of 19.15.17.11 NMAC ☐ 12'x24', 2' lettering, providing Operator's name, site location, and emergency telephone numbers ☐ Signed in compliance with 19.15.3.103 NMAC Administrative Approvals and Exceptions:
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off ☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other ☐ Liner type: Thickness mil ☐ HDPE ☐ PVC ☐ Other ☐ Other ☐ Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration	☐ Screen ☐ Netting ☐ Other ☐ Monthly inspections Signs: Subsection C of 19.15.17.11 NMAC ☐ 12'x24', 2' lettering, providing Operator's name, site location, and emergency telephone numbers ☐ Signed in compliance with 19.15.3.103 NMAC
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off ☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other ☐ Liner type: Thickness mil ☐ HDPE ☐ PVC ☐ Other ☐ Other ☐ Alternative Method: Submittal of an exception request is required. Exceptions must be	□ Screen □ Netting □ Other □ Monthly inspections Signs: Subsection C of 19.15.17.11 NMAC □ 12'x24', 2' lettering, providing Operator's name, site location, and emergency telephone numbers □ Signed in compliance with 19.15.3.103 NMAC 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
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off ☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other ☐ Liner type: Thickness mil ☐ HDPE ☐ PVC ☐ Other ☐ Other ☐ Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration	□ Screen □ Netting □ Other □ Monthly inspections Signs: Subsection C of 19.15.17.11 NMAC □ 12'x24', 2' lettering, providing Operator's name, site location, and emergency telephone numbers □ Signed in compliance with 19.15.3.103 NMAC 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:
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off ☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other ☐ Liner type: Thickness mil ☐ HDPE ☐ PVC ☐ Other ☐ Other ☐ Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration	□ Screen □ Netting □ Other □ Monthly inspections Signs: Subsection C of 19.15.17.11 NMAC □ 12'x24', 2' lettering, providing Operator's name, site location, and emergency telephone numbers □ Signed in compliance with 19.15.3.103 NMAC 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: □ Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off ☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other ☐ Liner type: Thickness mil ☐ HDPE ☐ PVC ☐ Other ☐ Other ☐ Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration	Screen ☐ Netting ☐ Other ☐ Monthly inspections Signs: Subsection C of 19.15.17.11 NMAC ☐ 12'x24', 2' lettering, providing Operator's name, site location, and emergency telephone numbers ☐ Signed in compliance with 19.15.3.103 NMAC 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: ☐ Administrative approval(s): Requests must be submitted to the

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 (1) of Subsection B of 19.15.17.9 NMAC ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC ☐ Climatological Factors Assessment			
☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC			
☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Quality Control/Quality Assurance Construction and Installation Plan			
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC			
☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Nuisance or Hazardous Odors, including H ₂ S, Prevention Plan			
Emergency Response Plan			
☐ Oil Field Waste Stream Characterization ☐ Monitoring and Inspection Plan			
☐ Erosion Control Plan ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC			
Proposed Closure: 19.15.17.13 NMAC			
Type: 🗓 Drilling 🗌 Workover 🗎 Emergency 🔲 Cavitation 🔲 Permanent Pit 🔲 Below-grade Tank 🖾 Closed-loop System [Alternative		
Proposed Closure Method: Waste Excavation and Removal	_		
 ☑ Waste Removal (Closed-loop systems only) ☑ On-site Closure Method (Only for temporary pits and closed-loop systems) 			
☐ In-place Burial ☐ On-site Trench Burial			
☐ Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for co	nsideration)		
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 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. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.			
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 obtained from nearby wells	☐ Yes ☐ No ☐ NA		
Ground water is between 50 and 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		
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 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 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 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. NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No		
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No		
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ 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	☐ Yes ☐ No		
Within a 100-year floodplain FEMA map	☐ Yes ☐ No		

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 ☐ No	
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 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	Yes No	
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☐ NA	
Within 500 horizontal 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. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No	
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ 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 	☐ Yes ☐ No	
Within a 100-year floodplain FEMA map	☐ Yes ☐ No	
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the deattached		
attached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan - 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 Number: or Permit Number:		
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 do attached. Geologic and Hydrogeologic Data (required for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of Siting Criteria Compliance Demonstrations (required for on-site closure) - based upon the appropriate requirements of 19.15.17.10 Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.9 NMAC and 19.15.17.13 NMAC NMAC	19.15.17.9	
☐ Previously Approved Design (attach copy of design) API Number:		

Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMA	C) 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.
Protocols and Procedures - based upon the appropriate requirements of 19	.15.17.13 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropriate r	
Disposal Facility Name and Permit Number (for liquids, drilling fluids and	d drill cuttings)
Soil Backfill and Cover Design Specifications - based upon the appropriate	te requirements of Subsection 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	
Waste Removal Closure For Closed-loop Systems That Utilize Haul-off Bins	Only: (19.15.17.13.D NMAC) Instructions: Please indentify the facility
or facilities for the disposal of liquids, drilling fluids and drill cuttings.	, , , , , , , , , , , , , , , , , , , ,
Disposal Facility Name: GANDY-MARLEY	Disposal Facility Permit Number: NM-711-1-0020
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.	Journing wents name be unached to the closure plant. I lease making,
Siting Criteria Compliance Demonstrations - based upon the appropriate re	equirements of 19.15.17.10 NMAC
Proof of Surface Owner Notice - based upon the appropriate requirements	of Subsection F of 19.15.17.13 NMAC
Construction and Design of Burial Trench (if applicable) based upon the	appropriate requirements of 19.15.17.11 NMAC
Protocols and Procedures - based upon the appropriate requirements of 19.	.15.17.13 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropriate re	equirements of Subsection F of 19.15.17.13 NMAC
Waste Material Sampling Plan - based upon the appropriate requirements	of Subsection F 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	n 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	on 1 of 19.15.17.13 NMAC
Site Reciamation Fian - based upon the appropriate requirements of Subse	ction G of 19.15.17.13 NMAC
Operator Application Certification:	
I hereby certify that the information submitted with this application is true, accur	rate and complete to the best of my knowledge and belief
Name (Print): NEWT PAINTER	Title: PRODUCTION FOREMAN
Signature: NEW T	
Signature: N W V V	Date: 07/23/08
e-mail address:	Telephone, Office 575, 206, 0912
· ····································	relepatie. Ullice 3/3-390-0012
	Telephone: <u>Office 575-396-0812</u>
OCD Approval: Permit Application (including closure plan) Closure P	
OCD Approval: Permit Application (including closure plan) Closure P	lan (only)
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OCD Approval: Permit Application (including closure plan) Closure P	Approval Date: 7/24/08
OCD Approval: Permit Application (including closure plan) Closure P	lan (only)
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Chica Utilianus Title: List. Superviso.	OCD Permit Number: PI-DD2D7
OCD Approval: Permit Application (including closure plan) Closure P	Approval Date: 7/24/08 OCD Permit Number: 1000000000000000000000000000000000000
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Chus Usellianus Title: Subst. Superviso. Closure Report (required within 60 days of closure completion): Subsection	OCD Permit Number: PI-DD2D7
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Classification Title: Subst. Superviso. Closure Report (required within 60 days of closure completion): Subsection Closure Method:	Approval Date: 7/24/08 OCD Permit Number: 1-00007 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Closure Report (required within 60 days of closure completion): Subsection Closure Method: Waste Excavation and Removal On-Site Closure Method Alterna	Approval Date: 7/24/08 OCD Permit Number: 1-00007 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Little Closure Title: Superviso Closure Report (required within 60 days of closure completion): Subsection Closure Method: Waste Excavation and Removal On-Site Closure Method Alternation of the different from approved plan, please explain.	Approval Date: 7/24/08 OCD Permit Number: PI-DDDD7 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Littleanur Title: Local Appenium Closure Report (required within 60 days of closure completion): Subsection Closure Method: Waste Excavation and Removal On-Site Closure Method Alternal If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following its	Approval Date: 7/24/08 OCD Permit Number: PI-DDDD7 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Littleanur Title: Local Appenium Closure Report (required within 60 days of closure completion): Subsection Closure Method: Waste Excavation and Removal On-Site Closure Method Alternal If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following ite mark in the box, that the documents are attached.	Approval Date: 7/24/08 OCD Permit Number: PI-DDDD7 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Littleanur Title: Local Appenium Closure Report (required within 60 days of closure completion): Subsection Closure Method: Waste Excavation and Removal On-Site Closure Method Alternal If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following its mark in the box, that the documents are attached. Proof of Closure Notice	Approval Date: 7/24/08 OCD Permit Number: PI-DDDD7 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Little Closure P Title: Loss Lapeurisa Closure Report (required within 60 days of closure completion): Subsection Closure Method: Waste Excavation and Removal On-Site Closure Method Alterna If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following its mark in the box, that the documents are attached. Proof of Closure Notice Proof of Deed Notice (if applicable)	Approval Date: 7/24/08 OCD Permit Number: PI-DDDD7 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Little Closure Notice Closure Report (required within 60 days of closure completion): Subsection Closure Method: Waste Excavation and Removal On-Site Closure Method Alternated If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following itemark in the box, that the documents are attached Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan	Approval Date: 7/24/08 OCD Permit Number: PI-DDDD7 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: List List List Closure P Title: Losure Report (required within 60 days of closure completion): Subsection Closure Method: On-Site Closure Method Alternation If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following itemark in the box, that the documents are attached Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results	Approval Date: 7/24/08 OCD Permit Number: PI-DDDD7 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Closure Report (required within 60 days of closure completion): Subsection Closure Method:	Approval Date: 7/24/08 OCD Permit Number: PI-DDDD7 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Closure Closure Closure Closure	Approval Date: 7/24/08 OCD Permit Number: PI-DDDD7 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan)	Approval Date: 7/24/08 OCD Permit Number: PI-DDDD7 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Closure Completion Subsection Title: Supervisor Subsection Closure Report (required within 60 days of closure completion): Subsection Closure Method: On-Site Closure Method Alternal If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following itemark in the box, that the documents are attached Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	Approval Date: 7/24/08 OCD Permit Number: PI-DDDD7 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature:	Approval Date: 7/24/08 OCD Permit Number: 1-000000000000000000000000000000000000
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Little Li	Approval Date: 7/24/08 OCD Permit Number: PI-DDDD7 K of 19.15.17.13 NMAC Closure Completion Date:
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Little Little Control Title: Local Appearance Closure Report (required within 60 days of closure completion): Subsection Closure Method: On-Site Closure Method Alternal If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following ite mark in the box, that the documents are attached. Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Certification:	Approval Date: 7/24/08 OCD Permit Number: 1-DDDD K of 19.15.17.13 NMAC Closure Completion Date: 1.
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Supervisor Title: Supervisor Closure Report (required within 60 days of closure completion): Subsection Closure Method: On-Site Closure Method Alternal If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following ite mark in the box, that the documents are attached. Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Certification: I hereby certify that the information and attachments submitted with this closure re-	Approval Date: 7/24/08 OCD Permit Number: 1-DDDD K of 19.15.17.13 NMAC Closure Completion Date: 1.25 tive Closure Method ems must be attached to the closure report. Please indicate, by a check and 1927 1983
OCD Approval: Permit Application (including closure plan) Closure P OCD Representative Signature: Little Little Closure P OCD Representative Signature: Little Closure Completion Closure Report (required within 60 days of closure completion): Subsection Closure Method: On-Site Closure Method Alternal If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following ite mark in the box, that the documents are attached. Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Certification:	Approval Date: 7/24/08 OCD Permit Number: 1-DDDD K of 19.15.17.13 NMAC Closure Completion Date: 1.25 tive Closure Method ems must be attached to the closure report. Please indicate, by a check and 1927 1983
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Closed Loop System

Design Plan

Equipment list,

- 2-414 Swaco Centrifuges
- 2-4 screen Mongoose shale shakers
- 2-250 BBL tanks to hold fluid
- 2- CRI Bins with track system
- 2-500 BBL frac tanks for fresh water
- 2-500 BBL frac tanks for brine water

Operation and Maintenance

Closed Loop equipment will be inspected daily by each tour and any necessary maintenance performed

Any leak in system will be repaired and/or contained immediately

OCD notified within 48 hours

Remediation process started

Closure Plan