District I 1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico **Energy Minerals and Natural Resources**

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

July 21, 2008 For temporary pits, closed-loop sytems, and below-grade

Form C-144

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

1220 S. St. Francis Dr., Santa Fe, NM 87505		appropriate	NMOCD District Office.		
	Pit, Closed-Loop System.	, Below-Grade Tank,	<u>or</u>		
Propo	osed Alternative Method P	Permit or Closure Plan	n Application		
Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method					
)	X Closure of a pit, closed-loop sys	stem, below-grade tank, or pro	posed alternative method		
	Modification to an existing perm	nit			
	Closure plan only submitted for below-grade tank, or proposed a	~ ·	permitted pit, closed-loop	system,	
Instructions: Please submit one a	pplication (Form C-144) per individ	lual pit, closed-loop system, b	elow-grade tank or alter	native request	
	of this request does not relieve the operator of liab		· •		
1	eve the operator of its responsibility to comply w	The same of the same same same same same same same sam			
Operator: Burlington Resources Oi	l & Gas Company, LP	OGRID#:	14538		
Address: PO Box 4289, Farmingto	n, NM 87499				
Facility or well name: McCord 104					
API Number: 30	0-045-34190	OCD Permit Number:			
U/L or Qtr/Qtr: D(NW/NW) Section	 ·- 		ounty: San Juan		
Center of Proposed Design: Latitude		Longitude: 108.1977]1927[]1983	
Surface Owner: X Federal	State Private Tr	ibal Trust or Indian Allotment	: ==		
2 PM S. L. C.			RCVO	MAR 7'13	
Pit: Subsection F or G of 19.15.17				OMS. DIV.	
Temporary: Drilling Wor	Rover Cavitation P&A		lecco.	IST. 3	
	iner type: Thickness mil	LLDPE HDPE	PVC Other		
String-Reinforced	··				
	actory \ \ Other	Volume: bbl Din	nensions L x W _	x D	
X Closed-loop System; Subsect	ion H of 19.15.17.11 NMAC				
Type of Operation: X P&A		Drilling (Applies to activities wh	ich require prior approval of	fa permit or	
	notice of inte	Á			
	nd Steel Tanks Haul-off Bins	Other HDPE	DVD Clore		
	r type: Thickness mil		VD		
					
Below-grade tank: Subsection I	of 19.15.17.11 NMAC				
	bl Type of fluid:				
Tank Construction material:					
Secondary containment with leak de	tection Visible sidewalls, liner	, 6-inch lift and automatic overflo	ow shut-off		
Visible sidewalls and liner	Visible sidewalls only Oth	ner			

Alternative Method:

Thickness

Liner Type:

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

PVC

HDPE

mil

Other

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, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify					
7 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)					
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					
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 of the Santa Fe Environmental Bureau office for consideration of approval. (Fencing/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.					
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of 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 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.	Yes No				
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	□NA				
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	Yes No				
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 No				
- 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 No				
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site Within the area overlying a subsurface mine.	Yes No				
 Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological 	Yes No				
Society; Topographic map 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 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. [] Hudrogoologic Poport (Polovy grade Toolse), based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NIMAC				
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				
19.15.17.9 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 Cartified Engineering Design Plans - besid upon the contrapriate requirements of 10.15.17.11.NMAC				
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 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 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				
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. Decreases and Proceedings beard upon the conceptate requirements of 10.15.17.13 NIMAC				
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 F 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 1 of 19.15.17.13 NMAC				
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC				
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16 Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins O	Only: (19.15.17.13.D NMAC)				
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.					
	: :				
Disposal Facility Name: Disposal Facility Permit #: Disposal Facility Name: Disposal Facility Permit #:					
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and Yes (If yes, please provide the information No					
Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specification - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NM. Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13	AC				
17					
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 affice 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.	Yes	No			
- NM Office of the State Engineer - iWATERS database search; USGS: Data obtained from nearby wells	∐N/A	1			
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 obtained from nearby wells	│				
Ground water is more than 100 feet below the bottom of the buried waste.	Yes	No			
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	. □N/A				
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, s (measured from the ordinary high-water mark).	sinkhole, or playa lake Yes	No			
- Topographic map; Visual inspection (certification) of the proposed site					
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial - Visual inspection (certification) of the proposed site; Aerial photo; satellite image	application. Yes	∐No			
	Yes	∐No			
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for dor purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence at the time of the initial a - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site					
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a muni- pursuant to NMSA 1978, Section 3-27-3, as amended.	cipal ordinance adopted Yes	□No			
 Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland 					
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the pr	oposed site				
Within the area overlying a subsurface mine.	Yes	□No			
- Written confirantion or verification or map from the NM EMNRD-Mining and Mineral Division		_			
Within an unstable area.	Yes	∐No			
 Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Topographic map 	Geological Society;				
Within a 100-year floodplain FEMA map	Yes	□No			
18 0. CV Cl. DV Cl. 11 (10.15.17.10.17.14.0)					
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items may by a check mark in the box, that the documents are attached.	ist bee attached to the closure plan. Plea	ise indicate,			
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17		}			
Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC					
Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements 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 19.15.17.11 NMAC					
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable), based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC					
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements 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 H of 19.15.17.13 NMAC					
	Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC				
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 i	NMAC				

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19 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 belief.				
Name (Print): Title:				
Signature: Date:				
e-mail address: Telephone:				
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 3/1/20[3]				
Title: Compliance VOLTCE OCD Permit Number:				
Closure Report (required within 60 days of closure completion): Subsection K of 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. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. X Closure Completion Date: 2/22/2013				
22				
Closure Method: Waste Excavation and Removal On-site Closure Method Alternative Closure Method X Waste Removal (Closed-loop systems only) If different from approved plan, please explain.				
23				
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.				
Disposal Facility Name: Envirotech / JFJ Landfarm % IEI Disposal Facility Permit Number: NM-01-0011 / NM-01-0010B				
Disposal Facility Name: Basin Disposal Facility Disposal Facility Permit Number: NM-01-005				
Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?				
Yes (If yes, please demonstrate complitane to the items below)				
Required for impacted areas which will not be used for future service and operations:				
Site Reclamation (Photo Documentation)				
Soil Backfilling and Cover Installation Represent Society Application Pages and Society Technique				
Re-vegetation Application Rates and Seeding Technique				
24 <u>Closure Report Attachment Checklist:</u> Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.				
Proof of Closure Notice (surface owner and division)				
Proof of Deed Notice (required for on-site closure)				
Plot Plan (for on-site closures and temporary pits)				
Confirmation Sampling Analytical Results (if applicable)				
Waste Material Sampling Analytical Results (if applicable) 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 Location: Latitude: Longitude: NAD 1927 1983				
25				
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.				
Name (Print): Dollie Ja. Busse Title: Staff Regulatory Technician				
Signature: Alla Lausse Date: 3/6/13				
e-mail address: dollie.l.busse@conocophillips.com Telephone: (505) 324-6104				

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