District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

State of New Mexico Energy Minerals and Natural Resources

Department Oil Conservation Division 1220 South St. Francis Dr. Form C-144 July 21, 2008

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

1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM	87505	For permanent pits and exce Environmental Bureau office a appropriate NMOCD District	and provide a copy to the
	losed-Loop System,	Below-Grade	Tank, or	
Proposed A	Iternative Method P			<u>on</u>
X Clos	nit of a pit, closed-loop syste ure of a pit, closed-loop sys lification to an existing perm ure plan only submitted for	tem, below-grade ta	ink, or proposed alternati	ve method
	w-grade tank, or proposed a		ed of non-permitted pit, e	losed-loop system,
Instructions: Please submit one application Please be advised that approval of this request environment. Nor does approval relieve the opera	does not relieve the operator of liab	ility should operations res	ult in pollution of surface water,	ground water or the
Operator: Burlington Resources Oil & Gas C	Company, LP		OGRID#: <u>14538</u>	
Address: PO Box 4289, Farmington, NM 8	7499			
Facility or well name: San Juan 28-6 Unit 47	77			
API Number: 30-039-266	534	OCD Permit Number	·	
U/L or Qtr/Qtr: M(SW/SW) Section: 2 Center of Proposed Design: Latitude: Surface Owner: Federal X St	36.59877 °N	Range: 6 Longitude: ibal Trust or Indian		rriba NAD: X 1927 1983
Pit: Subsection F or G of 19.15.17.11 NMACTEMPORARY: Drilling Workover Permanent Emergency Cavitation Lined Unlined Liner type: String-Reinforced Liner Seams: Welded Factory	P&A Thickness mil Other	LLDPE H	HDPE PVC Other	
X Closed-loop System: Subsection H of 19 Type of Operation: X P&A Drilling Drying Pad X Above Ground Steel Ta Lined Unlined Liner type: Liner Seams: Welded Factory	a new well Workover or notice of inte	Other	ctivities which require prior	approval of a permit or
Tank Construction material: Secondary containment with leak detection	Yesible sidewalls, liner HDPE PVC		natic overflow shut-off	
5 Alternative Method:		-		
Submittal of an exception request is required. Exc	ceptions must be submitted to the	ne Santa Fe Environm	ental Bureau office for cons	sideration of approval.

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Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)					
Chair link air Carlin bairle ann araid a Chair a trans (Donate Life and Lif					
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					
Arternate. Frease 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)					
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					
9	<u></u>				
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 cons	ideration of ap	proval.			
(Fencing/BGT Liner)					
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		l			
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.		j			
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.	Yes	No			
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells					
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake	Yes	□No			
(measured from the ordinary high-water mark).	_				
- 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	Yes	□No			
application.		_			
(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)		_			
- 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	Yes	□No			
purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.					
NIM OFF - Other Control WATERS deather - L. W L' - Artis (- Affection) of the annual dis-					
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.	1				
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	Yes	∐No			
- Written confirmation or verification from the municipality; Written approval obtained from the municipality	Í	ĺ			
Within 500 feet of a wetland.	Yes	□No			
- 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.	Yes	No			
- 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 man	L 168	□'*0			

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.
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
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 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 19.15.17.11 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)
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. Plans indicate by a check work in the box, that the documents are attached.
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 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 I of 19.15.17.13 NMAC

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16	A C IS IT I WILMS OF GOISISIS STATE					
	Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC) of liquids, drilling fluids and drill cuttings. Use attachment if more than tw					
facilities are required.						
	me: Disposal Facility Permit #:					
	Disposal Facility Name: Disposal Facility Permit #:					
Yes (If yes, please provide the information	ssociated activities occur on or in areas that will not be used for future. No	e service and				
Required for impacted areas which will not be used for future service. Soil Backfill and Cover Design Specification - based upon the appropriate required. Site Reclamation Plan - based upon the appropriate recommendation.	upon the appropriate requirements of Subsection H of 19.15.17.13 NM rements of Subsection I of 19.15.17.13 NMAC	IAC				
certain siting criteria may require administrative approval from the appr	19.15.17.10 NMAC in the closure plan. Recommendations of acceptable source material are provides opriate district office or may be considered an exception which must be submitted is 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 burn	ied waste.	Yes No				
- NM Office of the State Engineer - iWATERS database search	n; USGS: Data obtained from nearby wells	N/A				
Ground water is between 50 and 100 feet below the bottom of	f the buried waste	☐Yes ☐No				
- NM Office of the State Engineer - iWATERS database search	; USGS; Data obtained from nearby wells	∏N/A				
Ground water is more than 100 feet below the bottom of the b	puried waste	☐Yes ☐No				
NM Office of the State Engineer - iWATERS database search						
(measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the prop	of any other significant watercourse or lakebed, sinkhole, or playa lake	Yes No				
Within 300 feet from a permanent residence, school, hospital, institu		☐Yes ☐No				
- Visual inspection (certification) of the proposed site; Acrial pho						
		Yes No				
Within 500 horizontal feet of a private, domestic fresh water well or purposes, or within 1000 horizontal fee of any other fresh water well - NM Office of the State Engineer - iWATERS database; Visual	• •					
pursuant to NMSA 1978, Section 3-27-3, as amended.	ipal fresh water well field covered under a municipal 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 proposed site 		Yes No				
Within the area overlying a subsurface mine.	e map, visual inspection (certification) of the proposed site	Yes No				
Written confirantion or verification or map from the NM EMN	IRD-Mining and Mineral Division					
Within an unstable area.		Yes No				
 Engineering measures incorporated into the design; NM Burear Topographic map 	u of Geology & Mineral Resources; USGS; NM Geological Society;					
Within a 100-year floodplain. - FEMA map		Yes No				
18 On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Ins by a check mark in the box, that the documents are attached	tructions: Each of the following items must bee attached to the closd.	sure plan. Please indicate,				
Siting Criteria Compliance Demonstrations - based up	on the appropriate requirements 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/Design Plan of Burial Trench (if applicable)	ole) based upon the appropriate requirements of 19.15.17.11 NMAC					
	ce burial of a drying pad) - based upon the appropriate requirements o	f 19.15.17.11 NMAC				
Protocols and Procedures - based upon the appropriate						
land	on the appropriate requirements of Subsection F of 19.15.17.13 NMA	C				
	oriate 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 NMAC						

19 On which Application Contiferation				
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 closury plan) Closure Plan (only) OCD Conditions (see attachment)				
OCD Representative Signature: Approval Date: 4/22/2013				
Title: OMDiance Office 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: 3/21/2013				
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 compliane 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				
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				
Operator Clasura Cartification:				
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 L. Busse Title: Staff Regulatory Technician				
Signature: Date: 4/18/13				
e-mail address: dollie.l.busse@conocophillips.com Telephone: (505) 324-6104				