<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210 <u>District III</u>	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 Río 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 exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.		
	Pit, Closed-Loop System, Below-Grad	e Tank, or		
Prop	osed Alternative Method Permit or Clos			
Type of action:	Permit of a pit, closed-loop system, below-grade ta			
	\mathbf{X} Closure of a pit, closed-loop system, below-grade ta			
	Modification to an existing permit	and, or proposed attendance fielded		
	Closure plan only submitted for an existing permitt	ed or non-permitted nit closed-loop system		
	below-grade tank, or proposed alternative method	ed of holi-perinted pit, closed-loop system,		
Instructions: Please submit one a	pplication (Form C-144) per individual pit, closed-loop	p system, below-grade tank or alternative request		
-	f this request does not relieve the operator of liability should operations re			
environment. Nor does approval reli	eve the operator of its responsibility to comply with any other applicable a	governmental authority's rules, regulations or ordinances.		
¹ Operator: Burlington Resources Oi	L& Gas Company, LP	OGRID#: 14538		
Address: PO Box 4289, Farmingto				
Facility or well name: San Juan 30-				
	0-039-27713 OCD Permit Number			
U/L or Qtr/Qtr: F(SE/NW) Section		W County: Rio Arriba		
Center of Proposed Design: Latitude		107.45404 °W NAD: X 1927 1983		
Surface Owner: X Federal	State Private Tribal Trust or Indian			
2 Pit: Subsection F or G of 19.15.17		OIL CONS. DIV DIST. \$		
	kover			
	avitation P&A	DEC 1 0 2012		
		HDPE PVC Other		
String-Reinforced				
Liner Seams: Welded Fa	actory Other Volume:	bbl Dimensions L x W x D		
		bol Dimensions L x W x D		
3 X Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: X 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 X Above Grou	nd Steel Tanks 🔲 Haul-off Bins 🗍 Other			
Lined Unlined Line	r type:ThicknessmilLLDPEH	DPE PVD Other		
Liner Seams: Welded Fa	actory Other			
4 Below-grade tank: Subsection I Volume:b	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 autor	natic overflow shut-off		
Visible sidewalls and liner	Visible sidewalls only Other			
Liner Type: Thickness	milHDPEPVCOther			
Alternative Method:				
Submittal of an exception request is requ	uired. Exceptions must be submitted to the Santa Fe Environm	nental Bureau office for consideration of approval.		
Form C-144	Oil Conservation Division	Page 1 of 5		

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)				
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 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.				
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	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)	□ 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. (Applied to permanent pits)	Yes	No		
 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	No		
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.	Ì			
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 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 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 19.15.17.11 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
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.
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
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

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<u>Waste Removal Closure For Closed-loop Systems That Utilize Above Ground S</u> Instructions: Please identify the facility or facilities for the disposal of liquids, drilli	teel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC) ng 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 <i>will not</i> 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 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 				
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 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.		Yes No		
- NM Office of the State Engineer - iWATERS database search; USGS: Data of	btained from nearby wells	N/A		
Ground water is between 50 and 100 feet below the bottom of the buried was	ste	Yes No		
- NM Office of the State Engineer - iWATERS database search; USGS; Data of	stained from nearby wells	N/A		
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 ob	ntained from nearby wells	N/A		
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other signi (measured from the ordinary high-water mark).	ficant watercourse or lakebed, 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 ir - Visual inspection (certification) of the proposed site; Aerial photo; satellite images and the proposed site;		Yes No		
		Yes No		
Within 500 horizontal feet of a private, domestic fresh water well or spring that less t purposes, or within 1000 horizontal fee of any other fresh water well or spring, in exi - NM Office of the State Engineer - iWATERS database; Visual inspection (certi	istence at the time of the initial application.	,		
Within incorporated municipal boundaries or within a defined municipal fresh water pursuant to NMSA 1978, Section 3-27-3, as amended.	well field covered under a municipal ordinance adopted	Yes No		
- Written confirmation or verification from the municipality; Written approval of	ptained from the municipality			
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map; Topographic map; Visual in:	spection (certification) of the proposed site	Yes No		
Within the area overlying a subsurface mine. - Written confirantion or verification or map from the NM EMNRD-Mining and		Yes No		
Within an unstable area.		Yes No		
- Engineering measures incorporated into the design; NM Bureau of Geology & I Topographic map	Mineral Resources; USGS; NM Geological Society;			
Within a 100-year floodplain.		Yes No		
- FEMA map				
18 On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must bee 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 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC				
	ruing red) based upon the entropyiste requirements of 1	0 15 17 11 NIMAC		

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 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 NMAC

19 Oneveter Application Cartification:
Operator Application Certification: 1 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 <u>OCD Approval:</u> Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: Approval Date: Approval Date:
Title:OMPLIANCE OFFICE OCD Permit Number:
21 <u>Closure Report (required within 60 days of closure completion)</u> : 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: 11/13/2012
22 Closure Method: Image: Waste Excavation and Removal Image: On-site Closure Method Image: Alternative Closure Method Image:
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 <i>will not</i> be used for future service and opeartions?
Yes (If yes, please demonstrate compliane to the items below) X No
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
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): Dolle L. Busse Title: Staff Regulatory Technician
Signature: Double Date: 12/10/12
c-mail address: dollie.1.busse@conocophillips.com Telephone: (505) 324-6104

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