Listrict 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

District IV

1220 S St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

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

July 21, 2008 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office

Form C-144

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	
Type of action: X Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method	
Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method	
Modification to an existing permit	
Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system,	
below-grade tank, or proposed alternative method	-4
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request. Please be advised that approval of this request does not relieve the operator of hability should operations result in pollution of surface water, ground water or the	SZ.
environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances	
Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538	
Address: PO Box 4289, Farmington, NM 87499	
Facility or well name: State 16 4	
API Number: 30-045-25763 OCD Permit Number	_
U/L or Qtr/Qtr: O(SW/SE) Section: 16 Township: 28N Range: 9W County: San Juan	_
Center of Proposed Design: Latitude: 36.65728 °N Longitude: 107,79072 °W NAD: X 1927 198	33
Surface Owner: Federal X State Private Tribal Trust or Indian Allotment	
Pit: Subsection F or G of 19 15 17 11 NMAC RCVD APR 2 1	17
Temporary Drilling Workover Permanent Emergency Cavitation P&A OIL CONS. D	
Lined Unlined Liner type Thickness mil LLDPE HDPE PVC Other NCT 3	ii.
String-Reinforced	
Liner Seams: Welded Factory Other Volume bbl Dimensions L x W x D	
3	
X Closed-loop System: Subsection H of 19 15 17 11 NMAC	
Type of Operation P&A Drilling a new well X Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)	
Drying Pad X Above Ground Steel Tanks Haul-off Bins Other	
Lined Unlined Liner type Thickness mil LLDPE HDPE PVD Other	
Liner Seams Welded Factory Other	
4	
Below-grade tank: Subsection I of 19 15 17.11 NMAC	
Volume bbl Type of fluid Tank Construction material	
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	
5	
Alternative Method:	
Submittal of an exception request is required Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	

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					
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 Exception(s). Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	ideration of ap	proval			
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. 	│ │	□No			
(Applied to permanent pits)	□NA	☐'*•			
- 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.					
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 Burcau of Geology & Mineral Resources; USGS, NM Geological Society; Topographic map 	Yes	□No			
Within a 100-year floodplain - FEMA map	Yes	□No			

Form C-144 Oil Conservation Division Page 2 of 5

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 12 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17 12 NMAC
X Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17 9 NMAC and 19 15.17.13 NMAC
Previously Approved Design (attach copy of design) API
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 Stting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19 15 17 11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15 17 12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15 17 11 NMAC Nuisance or Hazardous Odors, including 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 X Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank X Closed-loop System Alternative Proposed Closure Method Waste Excavation and Removal X 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 G of 19.15.17.13 NMAC

Form C-144 Oil Conservation Division Page 3 of 5

16						
	Closed-loop Systems That Utilize Above Ground State facility or facilities for the disposal of liquids, drilling					
facilities are required	Countries / IELL and Come / IEL	Disposal Facility Pormit #	NIM OL OOLI / NIM OL OO	110D		
i '	Envirotech / JFJ Landfarm / IEI Basin Disposal Facility	Disposal Facility Permit # Disposal Facility Permit #		ЛОВ		
, , ,	osed-loop system operations and associated activity	. ,		service and		
Yes (If yes, please p	provide the information No		mor be used for factive	service and		
	which will not be used for future service and operation over Design Specification - based upon the approp		ion H of 19 15.17 13 NM/	۸C		
	- based upon the appropriate requirements of Subs	•				
Site Reclamation Pla	an - based upon the appropraite requirements of S	ubsection G of 19 15 17 13 N	IMAC			
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.						
	0 feet below the bottom of the buried waste	. 16 1 1		Yes	∐No	
- NM Office of the State	Engineer - iWATERS database search, USGS Data of	otained from nearby wells		∐N/A		
ł .	0 and 100 feet below the bottom of the buried was			Yes	No	
- NM Office of the State I	Engineer - iWATERS database search, USGS, Data ob	tained 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	tained from nearby wells		□N/A		
Within 300 feet of a continuou (measured from the ordinary h	isly flowing watercourse, or 200 feet of any other signifingh-water mark).	icant watercourse or lakebed, si	nkhole, or playa lake	Yes	No	
- Topographic map, Visua	al inspection (certification) of the proposed site					
-	nent residence, school, hospital, institution, or church in		pplication	Yes	∐No	
- Visual inspection (certifi	cation) of the proposed site, Aerial photo; satellite imag	ge		Yes	□No	
purposes, or within 1000 horiz	a private, domestic fresh water well or spring that less to contal fee of any other fresh water well or spring, in exi- Engineer - iWATERS database, Visual inspection (certi	stence at the time of the imital a	-	1es		
pursuant to NMSA 1978, Sect			ipal ordinance adopted	Yes	No	
- Written confirmation or Within 500 feet of a wetlan	verification from the municipality, Written approval ob	tained from the municipality		Yes	Пмо	
	etland Identification map, Topographic map, Visual ins	spection (certification) of the pro	posed site			
Within the area overlying a	subsurface mine			Yes	No	
	verification or map from the NM EMNRD-Mining and	Mineral Division				
Within an unstable area				Yes	∐No	
- Engineering measures in Topographic map	corporated into the design, NM Bureau of Geology & N	Ameral Resources, USGS, NM	Geological Society,			
Within a 100-year floodplai - FEMA map	ın			Yes	No	
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,						
l	x, that the documents are attached. pliance Demonstrations - based upon the appropri	ate requirements of 10-15-17	10 NMAC			
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15.17 10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection 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 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 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)						
<u> </u>	based upon the appropriate requirements of Subse					
= *	- based upon the appropriate requirements of Subs					
i i i Site Reclamation Pl	an - based upon the appropriate requirements of S	ubsection G of 19 15 17 13 N	NMAC			

Form C-144 Oil Conservation Division Page 4 of 5

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). Dollio ly, Busse Title Staff Regulatory Technician
Signature / Miles & Ousse Date 3/29/12
e-mail address dollie 1 busse@conocophillips com Telephone 505-324-6104
20
20 OCD Approval: Permit Application (including closure plan) Closure Man (only) OCD Conditions (see attachment)
OCD Representative Signature: Approval Date: 4/05/2012
Title: OCD Rermit Number:
Cleaner Depart (negatived within 60 days of alcours completion), a basic responses
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. Closure Completion Date:
Closure Completion Date:
Classes Methods
Closure Method: Waste Excavation and Removal On-site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only)
If different from approved plan, please explain.
Closura Papart Pagarding Wasta Pamayal Closura For Closed Ioan Systems That Utiliza Abous Cround Steel Tarks on Haul off Pina Only
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 Disposal Facility Permit Number
Disposal Facility Name Disposal Facility Permit Number 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
Classes Provide March 2014 Classification of Charles and Charles a
Closure Report Attachment Checklist: 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
Re-vegetation Application Rates and Securing 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) Title
Signature Date
e-mail address Telephone

Form C-144

Burlington Resources Oil & Gas Company, LP Closed-loop Plans

Closed-loop Design Plan

BR's closed loop system will not entail a drying pad, temporary pit, below grade tank or sump. It will include an above ground tank suitable for holding the cuttings and fluids for rig operations. The tank will be sufficient volume to maintain a safe free board between disposal of the liquids and solids from rig operations.

- 1. Fencing is not required for an above ground closed-loop system
- 2. It will be signed in compliance with 19.15.3.103 NMAC
- 3. A frac tank will be on location to store fresh water

Closed-loop Operating and Maintenance Plan

BR's closed-loop tank will be operated and maintained to contain liquids and solids in order to prevent contamination of fresh water sources, in order to protect public health and the environment. To ensure the operation is maintained the following steps will be followed:

- 1. The liquids will be vacuumed out and disposed of at the Basin Disposal facility (Permit # NM-01-005) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B). Solids in the closed-loop tank will be vacuumed out and disposed of at Envirotech (Permit # NM-01-0011) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) on a periodic basis to prevent over topping.
- 2. No hazardous waste, miscellaneous solid waste or debris will be discharged into or stored in the tank. Only fluids or cutting used or generated by rig operations will be placed or stored in the tank.
- 3. The division district office will be notified within 48 hours of the discovery of compromised integrity of the closed-loop tank. Upon the discovery of the compromised tank, repairs will be enacted immediately

Closed-loop Closure Plan

The closed-loop tank will be closed in accordance with 19.15.17.13. This will be done by transporting cuttings and all remaining sludges to Envirotech (Permit # NM-01-0011) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) immediately following rig operations. All remaining liquids will be transported and disposed of in the Basin Disposal facility (Permit # NM-01-005) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B). The tanks will be removed from the location as part of the rig move. At time of well abandonment, the site will be reclaimed and re-vegetated to pre-existing conditions when possible.