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

District IV

State of New Mexico

Energy Minerals and Natural Resources

Department

Oil Conservation Division 1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-144 July 21, 2008

For temporary pits, closed-loop sytems, 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

1220 S St. Francis Dr., Santa Fe, NM 87505								
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								
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 liability should operations result in pollution of surface water, ground water or the 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: Farmington Com B 1E								
API Number: 30-045-26806 OCD Permit Number:								
U/L or Qtr/Qtr: J(NWSE) Section: 36 Township: 31N Range: 13W County: Rio Arriba								
Center of Proposed Design: Latitude: 36.853250' N Longitude: 108.151320' W NAD: X 1927 1983 Surface Owner: Federal X State Private Tribal Trust or Indian Allotment								
Trivate of median American								
Pit: Subsection F or G of 19.15.17.11 NMAC								
Temporary: Drilling Workover								
Permanent Emergency Cavitation P&A								
Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other								
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)								
Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Other								
Drying Pad X Above Ground Steel Tanks								
4 NOV 211								
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								
Volume: bbl Type of fluid:								
Tank Construction material:								
Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off								
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, instituted in the strands of barbed wire evenly spaced between one and four feet Alternate. Please specify	tion or church)
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.	leration of appi	roval.
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.	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 (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. (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. - 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 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

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		emporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist Subsection B of 19.15.17.9 NMAC						
•	nstruc	tions: 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.						
į	, H	Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19:15:17:9 NMAC						
	l ∐	Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19:15:17.9						
	l ∐	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						
	Pre	viously Approved Design (attach copy of design) API or Permit						
	12							
		d-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC						
	Instruc	tions: 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						
	X	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						
	Pre	viously Approved Design (attach copy of design) API						
	Pre	viously Approved Operating and Maintenance Plan API						
	13	· · · · · · · · · · · · · · · · · · ·						
	Perm:	anent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC						
ć	Instruc	ctions: 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						
	I. □	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						
	ᅵᆜ	Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC						
	▎႘	Quality Control/Quality Assurance Construction and Installation Plan						
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC								
,	ľ . H	Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H2S, Prevention Plan						
7	は出	Emergency Response Plan						
,	[[라	Oil Field Waste Stream Characterization						
í		Monitoring and Inspection Plan						
	ΙH	Erosion Control Plan						
•	ΙĦ	Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC						
	14 Propo	sed Closure: 19.15.17.13 NMAC						
	Instruc	tions: 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						
	Propos	ed Closure Method: Waste Excavation and Removal						
	É .	X Waste Removal (Closed-loop systems only)						
2	., .	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							
•		Excavation and Removal Closure Plan Checklist (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.						
		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						
	l∐	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						
ļ,	<u></u>	Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC						

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Waste Removal Closure For Closed-loop Systems That Utilize Above Gro Instructions Please identify the facility or facilities for the disposal of liquids facilities are required	ound Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC), drilling fluids and drill cuttings. Use attachment if more than two	
Disposal Facility Name: Envirotech	Disposal Facility Permit #: NM-01-0011	
Disposal Facility Name: Basin Disposal Facility	Disposal Facility Permit #: NM-01-005	
Will any of the proposed closed-loop system operations and associate Yes (If yes, please provide the information No	ed activities occur on or in areas that will nbe used for future service an	d
Required for impacted areas which will not be used for future service and ope		
	appropriate requirements of Subsection H of 19.15.17.13 NMAC	
Re-vegetation Plan - based upon the appropriate requirements o Site Reclamation Plan - based upon the appropriate requirement	•	
one recommend that cause upon the appropriate requirement	a or outsection of the first transfer	
17 Siting Criteria (Regarding on-site closure methods only: 19.15 17 1	ONMAC	
Instructions Each siting criteria requires a demonstration of compliance in the closure	plan Recommendations of acceptable source material are provided below Requests re	
certain siting criteria may require administrative approval from the appropriate districtions office for consideration of approval. Justifications and/or demonstrations of equivalent	t office or may be considered an exception which must be submitted to the Santa Fe Envi cy are required. Please refer to 1915 17 10 NMAC for guidance	ronmental Bureau
		Dy-
Ground water is less than 50 feet below the bottom of the buried wast - NM Office of the State Engineer - tWATERS database search; USGS.		es No /A
Ground water is between 50 and 100 feet below the bottom of the but - NM Office of the State Engineer - iWATERS database search; USGS, I		
, J , ,	المساور المساو	/A
Ground water is more than 100 feet below the bottom of the buried w	Table	es No
NM Office of the State Engineer - (WATERS database search; USGS; I	Data obtained from nearby wells	<u>/A</u> ·
Within 300 feet of a continuously flowing watercourse, or 200 feet of any oth	er significant watercourse or lakebed, sinkhole, or playa lake	es 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 c	burch in existence at the time of initial application	es \square No
- Visual inspection (certification) of the proposed site; Aerial photo; satel	**	es 🗀 No
	, ' <u></u> Y	es No
Within 500 horizontal feet of a private, domestic fresh water well or spring that		·: —
purposes, or within 1000 horizontal fee of any other fresh water well or spring - NM Office of the State Engineer - iWATERS database; Visual inspection		1, , , , , , , , , , , , , , , , , , ,
Within incorporated municipal boundaries or within a defined municipal fresh		es. \square_{No}
pursuant to NMSA 1978, Section 3-27-3, as amended		
: '-' Written confirmation or verification from the municipality; Written app . Within 500 feet of a wetland	roval obtained from the municipality	No.
- US Fish and Wildlife Wetland Identification map, Topographic map; V	isual inspection (certification) of the proposed site	
Within the area overlying a subsurface mine.	Ţ, Ţ	es No
- Written confiramtion or verification or map from the NM EMNRD-Min	ing and Mineral Division	
Within an unstable area.		es No
Engineering measures incorporated into the design; NM Bureau of Geol Topographic map	ogy & Mineral Resources; USGS; NM Geological Society;	,. ·
Within a 100-year floodplain.	्र <u>।</u>	es No
FEMA map	2 - 4 mil (1)	
7.483		Parks
 On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instruction. by a check mark in the box, that the documents are attached. 	s: Each of the following items must bee attached to the closure plan	Please indicate,
Siting Criteria Compliance Demonstrations - based upon the a	ppropriate requirements of 19.15.17.10 NMAC	5:
Proof of Surface Owner Notice - based upon the appropriate r	equirements of Subsection F of 19.15.17.13 NMAC	
Construction/Design Plan of Burial Trench (if applicable) base	ed upon the appropriate requirements of 19.15.17.11 NMAC	·
	of a drying pad) - based upon the appropriate requirements of 19.15.	17.11 NMAC
Protocols and Procedures - based upon the appropriate require	·	g# % •
	appropriate requirements of Subsection F of 19.15.17.13 NMAC	
Waste Material Sampling Plan - based upon the appropriate re		in the second se
	ng fluids and drill cuttings or in case on-site closure standards cannot be	be achieved)
Soil Cover Design - based upon the appropriate requirements Re-vegetation Plan - based upon the appropriate requirements		第14年中華的
Site Reclamation Plan - based upon the appropriate requireme		N rate

Form C-144

19			. 4	
Operator Application Certification: I hereby certify that the information submitted with this application is true, accu	erate and complete to the best of my know	ledge and belief		
Name (Print): Rhonda Rogers		latory Technician		1
Signature: Down of TOREN	Date:	10/8/2008	THE PROPERTY OF THE	or a property of the term
e-mail address: rogerrs@conocophillips.com	Telephone:	505-599-4018	•	
,20			* * * * * * * * * * * * * * * * * * * *	
OCD Approval: Permit Application (including closure plan)	Closure Plan (only) OCD	Conditions (see atta	chment)	
OCD Representative Signature:		Approval Date:	11-3-08	_
Title: ENVICO/SDPS	OCD Permit Number:	_		
Title: ENVIOISIPE				
21				
Closure Report (required within 60 days of closure completion): Su				
Instructions: Operators are required to obtain an approved closure plan prior is report is required to be submitted to the division within 60 days of the completic	- ·	-		
approved closure plan has been obtained and the closure activities have been c		r comprese ma section	, 9, 1110 / 201111 111111 11111	
	Closure Completio	n Date:		_
22 Closure Method:				
Waste Excavation and Removal On-site Closure Method	Alternative Closure Method	Waste Removal (C	losed-loop systems only)	
If different from approved plan, please explain				
23				
Closure Report Regarding Waste Removal Closure For Closed-loop System	ns That Utilize Above Ground Steel Ta	nks or Haul-off Bins	Only:	
Instructions: Please identify the facility or facilities for where the liquids, dril were utilized.	lling fluids and drill cuttings were dispos	sed. Use attachment i	f more than two facilities	
Disposal Facility Name:	Disposal Facility Permit Numb	oer:	المناسبة والمستعددة	
Disposal Facility Name:	Disposal Facility Permit Numb			1
Were the closed-loop system operations and associated activities performed	on or in areas that will not be used for	future service and ope	artions?	
Yes (If yes, please demonstrate compliant to the items below)	No		The state of the s	
Required for impacted areas which will not be used for future service and o	perations.			
Site Reclamation (Photo Documentation)				,
Re-vegetation Application Rates and Seeding Technique				
			,	
Closure Report Attachment Checklist: Instructions: Each of the fo	llowing items must be attached to the cle	osure report. Please i	ndicate, by a check mark	in
the box, that the documents are attached.			, f	
Proof of Closure Notice (surface owner and division)		ω	· in the state of the figure of	
Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits)				
		1	A STATE OF THE STA	
Confirmation Sampling Analytical Results (if applicable)		- "		A Company
Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number		***	Commence of the state of the st	
Soil Backfilling and Cover Installation				1
Re-vegetation Application Rates and Seeding Technique		, ,15	なる。	
Site Reclamation (Photo Documentation)		1	the state of the state of	' . ·
On-site Closure Location: Latitude:	Longitude:	NAD [1927 1983	
<u> </u>			· September 1	
25			Description of the second	
Operator Closure Certification:			الله الله الله الله الله الله الله الله	
I hereby certify that the information and attachments submitted with this closur in the closure complies with all applicable closure requirements and conditions s	-	o the best of my knowl	eage ana beilej. I also ce	rujy inat
		र १८८८ म्हिस्स् राज्या		
Name (Print):	Title:	, 1	THE STAFFFEE IN	19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Signature:	Date:			
Solvail address:	Telephone:			
e-mail address:	тетерноне.		 N° 2-17 (A) 34 a 	,

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). Solids in the closed-loop tank will be vacuumed out and disposed of at Envirotech (Permit # NM-01-0011) 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
- 4. All of the above operations will be inspected and a log will be signed and dated. During rig operations the inspection will be daily.

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) immediately following rig operations. All remaining liquids will be transported and disposed of in the Basin Disposal facility (Permit # NM-01-005). 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.