District I

1625 N French Dr., Hobbs, NM 88240

District II

1301 W Grand Ave , Artesia, NM 88210

1000 Rio Brazos Rd , Aztec, NM 87410

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

Form C-144

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.

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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.
Depart of the control of the co	OGRID#: 14538
Address: PO Box 4289, Farmington, NM 87499	
Facility or well name: Canyon Largo Unit 427	
API Number: 30-039-25484	OCD Permit Number:
U/L or Qtr/Qtr: N(SESW) Section: 11 Township: 25N	Range: 7W County: Rio Arriba
Center of Proposed Design: Latitude: 36.409540' N	Longitude: 107.544470' W NAD: X 1927 1983
Surface Owner: X Federal State Private T	ribal Trust or Indian Allotment
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 String-Reinforced Liner Scams: Welded Factory Other	LLDPE HDPE PVC Other Volume: bbl Dimensions L x W x D
X Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well X Workover of notice of in Drying Pad X Above Ground Steel Tanks Haul-off Bins Lined Unlined Liner type: Thickness mil Liner Seams: Welded Factory Other	Other LLDPE HDPE PVD Other 3031-123456
	er, 6-inch lift and automatic overflow shut-off
5 Alternative Method: Submittal of an exception request is required. Exceptions must be submitted t	

· ·	Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)	٠, ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ،	\$
	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, institu	tion or church) <u> </u>
ſ	Four foot height, four strands of barbed wire evenly spaced between one and four feet		(28., 54.3)
. [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		
١	12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers		
i	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 the Santa Fe Environmental Bu	leration of app	roval.
	Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.		A S SEC PER S SEC
10			ı
	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) - `	* ,
3	source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the	in the second	
	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.		an e metarama re
is U	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		_
٠,	Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake	√∐Yes	☐No
71 21.	(measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Regional C	
5 d 1 d	Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial	Ves	□No
: : :	application.	Г	
Į.,	(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	NA	~
:	- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image		k s
in.	Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	∐No
, s.	(Applied to permanent pits) Visual increasion (confiscation) of the proposed site: Aerial photo: Satellite image	∐NA	~
j	- 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
e e	purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	ارانی ۔	
Total S	- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.	<u> </u>	
₹15. *	Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	Yes	По
1	adopted pursuant to NMSA 1978, Section 3-27-3, as amended	, L 103	
; ;	- Written confirmation or verification from the municipality; Written approval obtained from the municipality	;; ;	This
	Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes	LINO -
, ! ,;5	Within the area overlying a subsurface mine.	Yes	∏No
1	- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	i jari	े पहार जिल्हा
1	Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geologically.	Yes	∐ ^{No} .
Elic unit	Society; Topographic map		Time .
4 (m) 4	Within a 100-year floodplain	Yes	No.
ر اور اور اور	- FEMA map		

Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attach	
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 Para	graph (4) of Subsection B of 19.15.17.9 NMAC
Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirement	nts of Paragraph (2) of Subsection B of 19.15.17.9
Siting Criteria Compliance Demonstrations - based upon the appropriate requirement	ents 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 19.1	15 17 12 NMAC
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon th	
19.15.17.9 NMAC and 19.15.17 13 NMAC	e appropriate requirements of Subsection C of
Previously Approved Design (attach copy of design) API	or Permit
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17 Instructions Each of the following items must be attached to the application. Please indicate, by a composite of the configuration of the state of the following items of the configuration of the	check mark in the box, that the documents are attached. irements of Paragraph (3) of Subsection B of 19.15.17.9
X Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	· · · · · · · · · · · · · · · · · · ·
	15 17 10 NR 6.0
[X] Operating and Maintenance Plan - based upon the appropriate requirements of 19.	
X Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon th NMAC and 19.15.17.13 NMAC	e appropriate requirements of Subsection C of 19.15.17.9
Previously Approved Design (attach copy of design) API	
Previously Approved Operating and Maintenance Plan API	
	A CONTRACT OF THE CONTRACT OF
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	a check mark in the hay that the documents are attached
Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection	· · · · · · · · · · · · · · · · · · ·
	11 Find Charles (41) 1889-64
Siting Criteria Compliance Demonstrations - based upon the appropriate requirement	ents of 19.15.17.10 NIMAC
Climatological Factors Assessment	0.15.17.11.NMAC
Certified Engineering Design Plans - based upon the appropriate requirements of I	
Dike Protection and Structural Integrity Design: based upon the appropriate required Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 N	
, and the	and the second s
Liner Specifications and Compatibility Assessment - based upon the appropriate re	equirements of 19.15.17.11 NMAC (See Section 2)
Quality Control/Quality Assurance Construction and Installation Plan	15 17 10 NRAC
Operating and Maintenance Plan - based upon the appropriate requirements of 19. Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements.	i not the first to the first to the first in the first index in the first in the first in the first in the first in the fi
Nuisance or Hazardous Odors, including H2S, Prevention Plan	icins of 19.13.17.11 NIMAC
	Land Carrier Control of the Control
Emergency Response Plan	
Oil Field Waste Stream Characterization	The state of the s
Monitoring and Inspection Plan	· · · · · · · · · · · · · · · · · · ·
Erosion Control Plan	17 O D F
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	and the state of t
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the propos	ed closure plan.
	at Pit Below-grade Tank X Closed-loop System
Alternative	The light of the state of the s
Proposed Closure Method: Waste Excavation and Removal	The second of th
X Waste Removal (Closed-loop systems only)	
On-site Closure Method (only for temporary pits and closed-	loon systems)
In-place Burial On-site Trench	soop systems)
Alternative Closure Method (Exceptions must be submitted to	o the Santa Pe Environmental Bureau for consideration)
15	
Waste Excavation and Removal Closure Plan Checklist (19.15.17.13 NMAC) Instruction	s: 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 19.15.17.1	
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirem	
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cu	
Soil Backfill and Cover Design Specifications - based upon the appropriate require	and the second of the second o
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 1	9.15.17.13 NMAC
Site Reclamation Plan - based upon the appropriate requirements of Subsection G	of 19.15.17.13 NMAC

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osal Facility Permit #: Nosal Facility Permit	M-01-005 will nbe used for full nbe used for ful	13 NMAC below. Requests in the Santa Fe Envi	egarding changes to
requirements of Subsection of 19 15 17 13 NMAC on G of 19 15 17 13 NM. endations of acceptable source to considered an exception white Please refer to 19 15.17.10 Ni	ion H of 19.15.17.1 AC material are provided to the must be submitted to	13 NMAC below. Requests in the Santa Fe Envi	egarding changes to tronmental Bureau
I of 19 15 17 13 NMAC on G of 19 15 17 13 NM. endations of acceptable source e considered an exception white Please refer to 19 15.17.10 NI from nearby wells	AC material are provided to the must be submitted to	below. Requests rithe Santa Fe Envi	es No
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endations of acceptable source e considered an exception white Please refer to 19 15.17.10 NI from nearby wells	material are provided l	the Santa Fe Envi	es No
endations of acceptable source e considered an exception whit Please refer to 19 15.17.10 Ni from nearby wells	material are provided l	the Santa Fe Envi	es No
e considered an exception white Please refer to 19 15.17.10 N	ch must be submitted to	the Santa Fe Envi	es No
e considered an exception white Please refer to 19 15.17.10 N	ch must be submitted to	the Santa Fe Envi	es No
e considered an exception white Please refer to 19 15.17.10 N	ch must be submitted to	the Santa Fe Envi	es No
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·		□ □N	T/A
from nearby wells			
from nearby wells			es No
nom nearby wens		N	I/A
	\$. Ja ⊠Ý	es No
from nearby wells		N	I/A
watercourse or lakebed, sinl	chole, or playa lake	Y	es No
	general section of the second section of the second section of the second section of the second section of the		
ence at the time of initial ap	plication.		es No
,		- Table	es No
	•		
	olication.		
	ordinance adopted	Г Тү	es No
from the municipality		14.37.53	
from the municipality	و المراجعة		es No
n (certification) of the prop	osed site		
`	and the same	ΥΩ	es. No
al Division			Tagil No 22
l Resources: USGS; NM G	eological Society:		CS. L. INO.
, ,			
	:	Y	es No
			7.
he following items must	bee attached to the	e closure plan	Please indicate.
,	To the second space of		
equirements of 19.15.17.	10 NMAC		
	~ 1 \$ 10.		
	propriate requiren	nents of 19.15.	17.11 NMAC
	n F of 10 15 17 12	NMAC	
•	آو، پورې د	THE STATE OF THE S	
		dards cannot l	be achieved)
,			
	households use for domestrat the time of the initial appropriate requirements pad) - based upon the appropriate requirements of Subsection F of 19.15. The subsection F of 19.15.	households use for domestic or stock watering at the time of the initial application. households use for domestic or stock watering at the time of the initial application. of the proposed site of covered under a municipal ordinance adopted from the municipality in (certification) of the proposed site of Division Resources; USGS; NM Geological Society; the following items must bee attached to the quirements of 19.15.17.10 NMAC of Subsection F of 19.15.17.13 NMAC propopriate requirements of 19.15.17.13 NMAC quirements of Subsection F of 19.15.17.13 NMAC quirements of Subsection F of 19.15.17.13 NMAC drill cuttings or in case on-site closure star in H of 19.15.17.13 NMAC in I of 19.15.17.13 NMAC	rom nearby wells vatercourse or lakebed, sinkhole, or playa lake nce at the time of initial application. Y households use for domestic or stock watering at the time of the initial application. Y of the proposed site overed under a municipal ordinance adopted from the municipality In (certification) of the proposed site all Division Resources; USGS; NM Geological Society; Y The following items must bee attached to the closure plant quirements of 19.15.17.10 NMAC of Subsection F of 19.15.17.13 NMAC appropriate requirements of 19.15.17.11 NMAC quirements of Subsection F of 19.15.17.13 NMAC quirements of Subsection F of 19.15.17.13 NMAC quirements of Subsection F of 19.15.17.13 NMAC appropriate requirements of Subsection F of 19.15.17.13 NMAC quirements of subsection F of 19.15.17.13 NMAC drill cuttings or in case on-site closure standards cannot at H of 19.15.17.13 NMAC

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19 Operator Application Certification:				
I hereby certify that the information submitted with this application is true, accurate a	and complete to the be	st of my knowledge and belief.		· 1000000000000000000000000000000000000
Name (Print) Rhonda Rogers	Title:	Regulatory Technician	The second second	17.2.5 22.43
Signature: Show & Come	Date:	12/2/2008		
c-mail address: rogerrs@conocophillips.com	Telephone:	505-599-4018		
			* **-	
OCD Approval. Magnetic (including clasure plan)	Oleman Dlan (anly)	COD Conditions (see att		•
	Closure Plan (only)	OCD Conditions (see atta	· · · ·	. ,
OCD Representative Signature: January Tour	ell	Approval Date:	12-3-08	,
Title: Enviro / Spec	OCD Pern	nit Number:		
Closure Report (required within 60 days of closure completion): Subsection	V AFIO IS 17 13 NMA	c		
Instructions. Operators are required to obtain an approved closure plan prior to imp	plementing any closur	e activities and submitting the closi		
report is required to be submitted to the division within 60 days of the completion of a approved closure plan has been obtained and the closure activities have been comple		Please do not complete this section	n of the form until an	
иррочей сиям в ран ная всен волиней ини те сият с исичном наче всен выпры	_	e Completion Date:	-	
		Completion Date.	· · · · · · · · · · · · · · · · · · ·	
22 Classic Made de			* .	
Closure Method: Waste Excavation and Removal On-site Closure Method	Alternative Closure	Mathad Waste Removal (C	Closed-loop systems only)	
	JAHernative Closure	Method Avaste Kelliovar C	losed-loop systems omy	
If different from approved plan, please explain.			· Silvery Court, NE	The same of the sa
Clause Pennyt Pennytha Waste Pennyul Clause For Claud Icon Systems Th	Tidili Abovo Cw	Start Trails on Haul off Din	- 0-1-16	
Closure Report Regarding Waste Removal Closure For Closed-loop Systems Th Instructions: Please identify the facility or facilities for where the liquids, drilling for				s
were utilized.	·			
Disposal Facility Name.	Disposal Facility	**	and the second of the second	
Disposal Facility Name	Disposal Facility		A Compared to the Compared to	
Were the closed-loop system operations and associated activities performed on or	_	be used for future service and ope	artions?	
Yes (If yes, please demonstrate compliane to the items below)		,	The state of the s	المهمد وسط ما المحمد وما الماء ا
Required for impacted areas which will not be used for future service and operation Site Reclamation (Photo Documentation)	ions:	a section of the	2000年第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	
Soil Backfilling and Cover Installation				4.7. 5.00
Re-vegetation Application Rates and Seeding Technique		"		
24		- 1	Land San San San Land	المن المالي إلى إلى المالية
Closure Report Attachment Checklist: Instructions: Each of the following	ng items must be attac	ched to the closure report. Please	indicate, by a check mark	t in
the vox, that the documents are attached.				
Proof of Closure Notice (surface owner and division)			A CANADA CAMADA	
Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits)			A STANTING THE STANTING] - 195 v tr]
		n e billion e bi		
Confirmation Sampling Analytical Results (if applicable)				
Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number		t programme	and the properties in the second of the seco	
Soil Backfilling and Cover Installation				
Re-vegetation Application Rates and Seeding Technique			了《福特斯·克罗斯多代》 1970年第二章	
Site Reclamation (Photo Documentation)		A STATE		
On-site Closure Location: Latitude:	Longitude:	NAD'	1927 1983	
		7 > (24)	The graph of the state of the s	· **** (1) 2015 (1) 1 (
25		The second second	of himself the Latine from	the first terminal
Operator Closure Certification:				
I hereby certify that the information and attachments submitted with this closure repu			ledge and belief. I also co	ertify that
the closure complies with all applicable closure requirements and conditions specific	ed in the approvea cid	sure plan.		
Name (Print):	Title:			The market
Signature:	Date:	·		
ongnature.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
e-mail address.	Telephone:			
1		1 140	 (4) (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	it in the continue to the first

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). 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.