## 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

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.

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## Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

AMENDED Type of action:  Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method  COrrect WPI X 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  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
API Number: 30-039-20645 OCD Permit Number:
U/L or Qtr/Qtr: K(NE/SW) Section: 36 Township: 29N Range: 7W County: Rio Arriba  Center of Proposed Design: Latitude: 36.67949 °N Longitude: 107.52428 °W NAD: X 1927 1983  Curface Owner: Federal X State Private Tribal Trust or Indian Allotment
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
Closed-loop System: Subsection H of 19.15.17.11 NMAC   Type of Operation:   X P&A
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: Thicknessmil
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

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.

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District III	1220 South St.			
1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u>	Santa Fe, N	M 87505	Environmental Bureau office appropriate NMOCD District	
1220 S. St. Francis Dr., Santa Fe, NM 87505		<del> </del>		i Onice.
Pit,	Closed-Loop Syste	<u>m, Below-Grae</u>	<u>de Tank, or</u>	
7355 Proposed	Alternative Method	Permit or Clo	sure Plan Applicat	<u>ion</u>
	Permit of a pit, closed-loop s	ystem, below-grade t	ank, or proposed alternativ	ve method
$\overline{\mathbf{X}}$	Closure of a pit, closed-loop	system, below-grade	tank, or proposed alternat	ive method
	Modification to an existing p	ermit		
	Closure plan only submitted pelow-grade tank, or propose	0.1	• • •	closed-loop system,
Instructions: Please submit one applica	tion (Form C-144) per indi	vidual pit, closed-lo	op system, below-grade ta	nk or alternative request
Please be advised that approval of this re environment. Nor does approval relieve the				-
Operator: Burlington Resources Oil & G	as Company, LP		OGRID#: 14538	
Address: PO Box 4289, Farmington, NM	1 87499			
Facility or well name: SAN JUAN 29-7 U	JNIT 154M			
API Number: 30-039	-30486	OCD Permit Numb	er:	
U/L or Qtr/Qtr: K(NE/SW) Section:	36 Township: 29N	I Range:	7W County: Rio A	Arriba
Center of Proposed Design: Latitude: _	36.67949 °N	Longitude:	-107.52428 °W	NAD: X 1927 1983
Surface Owner: Federal X	State Private	Tribal Trust or India	an Allotment	
2				RCVD OCT 27'10
Pit: Subsection F or G of 19.15.17.11 N	MAC			OIL CONS. DIV.
Temporary: Drilling Workover				DIST. 3
Permanent Emergency Cavitati	on P&A			
Lined Unlined Liner type	oe: Thickness m	il LLDPE	HDPE PVC Otho	er
String-Reinforced				
Liner Seams: Welded Factory	Other	Volume:	bbl Dimensions L	x Wx D
	of 19.15.17.11 NMAC		o activities which require prio	or approval of a permit or
Drying Pad X Above Ground Ste		Other		
Liner Seems: Worlded Liner type:	_	LLDPE	HDPE PVD Other	

notice of intent)
Drying Pad X Above Ground Steel Tanks Haul-off Bins Other
Lincd Unlined Liner type: Thicknessmil LLDPE HDPE PVD Other
Liner Seams: Welded Factory Other
Below-grade tank: Subsection Lof 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

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, ins.	titution or clus	rch)	
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)			
Sereen 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.		j	
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 (Fencing/BGT Liner)	ideration of ap	proval.	
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	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 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.	Yes	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	Yes	□No	
- Written confirmation or verification from the municipality; Written approval obtained from the municipality		ا ا	
<ul> <li>Within 500 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	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.	Yes	No	
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	_ <del>_</del>	_	
Within a 100-year floodplain	Yes	□No	
- FEMA map	L 103	U'''	

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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)
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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16	F. J H. J. 60 P O. J (10.15.17.12 D.NRAG)		
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fl.			
facilities are required.			
	Disposal Facility Name: Disposal Facility Permit #:		
Disposal Facility Name:D			
Will any of the proposed closed-loop system operations and associated activities  Yes (If yes, please provide the information No	occur on or in areas that will not be used for future	service and	
Required for impacted areas which will not be used for future service and operations:		_	
Soil Backfill and Cover Design Specification - based upon the appropriate  Re-vegetation Plan - based upon the appropriate requirements of Subsection	•	AC	
Site Reclamation Plan - based upon the appropriate requirements of Subscient			
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. R certain siting criteria may require administrative approval from the appropriate district office of office for consideration of approval. Justifications and/or demonstrations of equivalency are re	r may be considered an exception which must be submitted to		
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 obtain	ed from nearby wells	□N/A	
Ground water is between 50 and 100 feet below the bottom of the buried waste		∏Yes ∏No	
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtaine	ed 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 obtained	ed from nearby wells	□ N/A	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significan	t watercourse or lakebed, sinkhole, or playa lake	Yes No	
<ul> <li>(measured from the ordinary high-water mark).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>		<del></del>	
Within 300 feet from a permanent residence, school, hospital, institution, or church in exis	stence at the time of initial application	Yes No	
- Visual inspection (certification) of the proposed site; Aerial photo; satellite image	nerice in the time of initial application.		
		Yes No	
Within 500 horizontal 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 fee of any other fresh water well or spring, in existence at the time of the initial application.  - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site			
Within incorporated municipal boundaries or within a defined municipal fresh water well pursuant to NMSA 1978, Section 3-27-3, as amended.		Yes No	
- Written confirmation or verification from the municipality; Written approval obtaine	ed from the municipality		
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspect	ion (certification) of the proposed site	YesNo	
Within the area overlying a subsurface mine.	ion (certification) of the proposed site	∏Yes ∏No	
- Written confirantion or verification or map from the NM EMNRD-Mining and Mini	eral Division		
Within an unstable area.		Yes No	
<ul> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mine Topographic map</li> </ul>	ral 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 closu	re plan. Please indicate,	
by a check mark in the box, that the documents are attached.			
Siting Criteria Compliance Demonstrations - based upon the appropriate r	•		
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 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 r			
	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 Operator Applicati	ion Certification:		
	e information submitted with this application is true,	accurate and complete to the b	est of my knowledge and belief.
Name (Print):		Title	
Signature:			
e-mail address:		Telephone:	
20 OCD Approval: [ OCD Representative	Permit Application (including closure plan) we Signature:	<del></del>	OCD Conditions (see attachment)  Approval Date: 12/6//0
Title:	Envirolspec		iit Number:
Instructions: Operator report is required to be		rior to implementing any closs pletion of the closure activities ven completed.	re activities and submitting the closure report. The closure Please do not complete this section of the form until an Completion Date: 10/11/2010
=	tion and Removal On-site Closure Methon approved plan, please explain.	od Alternative Closure	Method X Waste Removal (Closed-loop systems only)
Instructions: Please is were utilized.  Disposal Facility N Disposal Facility N Were the closed-loc Yes (If yes, ple Required for impact Site Reclamati Soil Backfillin	ame: Envirotech / JFJ Landfarm % IEI	Disposal Facility Disposal Facility Disposal Facility ned on or in areas that will not	Permit Number: NM-01-0011 / NM-01-0010B  NM-01-005
the box, that the de Proof of Clos Proof of Dece Plot Plan (for Confirmation Waste Materi Disposal Faci Soil Backfilli Re-vegetation	cuments are attached.  Sure Notice (surface owner and division) d Notice (required for on-site closure) on-site closures and temporary pits) a Sampling Analytical Results (if applicable) ial Sampling Analytical Results (if applicable) iility Name and Permit Number ing and Cover Installation in Application Rates and Seeding Technique tion (Photo Documentation)	e following items must be atta	ched to the closure report. Please indicate, by a check mark in  NAD
			and complete to the best of my knowledge and helief. I also certify that osure plan.
Name (Print):	CRYSTAL TAFOYA	Title:	STAFF REGULATORY TECHNICIAN
Signature:	andal Talan	Date:	10/26/2010
e-mail address:	crystal.tafoya@conocophillips.com	Telephone:	(505) 326-9837