District 1 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

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

District IV 1220 S St Francis Dr., Santa Fe, NM 87505			propriate NMOCD District Of	
2790	Pit, Closed-Loop System	n, Below-Grade 7	ank, or	
O ( Prope	osed Alternative Method	Permit or Closure	e Plan Application	<u>1</u>
Type of action:	Permit of a pit, closed-loop sys	stem, below-grade tank,	or proposed alternative	method
	Closure of a pit, closed-loop sy	ystem, below-grade tank	, or proposed alternative	emethod
•	X Modification to an existing pe	rmit		
	Closure plan only submitted for below-grade tank, or proposed		or non-permitted pit, clo	sed-loop system,
Instructions: Please submit one a	oplication (Form C-144) per indivi	dual pit, closed-loop sy	stem, below-grade tank	or alternative request
	f this request does not relieve the operator of lia eve the operator of its responsibility to comply			
Operator: Burlington Resources Oi	l & Gas Company, LP	00	GRID#: 14538	
Address: PO Box 4289, Farmingto	on, NM 87499			
Facility or well name: SCOTT 7B				
API Number: 3	0-045-34952	OCD Permit Number:		
U/L or Qtr/Qtr: C(NE/NW) Section	on: 3 Township: 31N	Range:10W	County: SAN JU	AN
Center of Proposed Design: Latitude			07.87292 °W N	AD: 1927 X 1983
Surface Owner: X Federal	State Private T	ribal Trust or Indian Al	lotment	
Permanent Emergency X C Lined Unlined L String-Reinforced Liner Seams: Welded F	7.11 NMAC  kover  Pavitation P&A (Pre-set)  iner type: Thickness mil		PE PVC Other of Dimensions L	x Wx D
Type of Operation. P&A	ion H of 19.15.17.11 NMAC  Drilling a new well Workover of interesting the control of the contro	0	vities which require prior a	pproval of a permit or
Lined Unlined Line	er type: Thicknessmil	LLDPE HDP		12 29 30 31 12 3
Volume b Tank Construction material:	l of 19.15 17.11 NMAC bl Type of fluid:		7,722324	RECEIVED  JUL 2009  OIL CONS. DIV. DIST. 3  CONS. DIV. DIST. 3  CONS. DIV. DIST. 3
Secondary containment with leak de  Visible sidewalls and liner  Liner Type: Thickness		er, 6-inch lift and automat Other Other	c overflow shut-off	- 618171 91 31 41 CT
Alternative Method:				
Submittal of an exception request is rec	inited. Exceptions must be submitted to	o uie Santa re Environmen	hai dureau office for consid	acration of approval.

Form C-144

Oil Conservation Division

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Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)			
Petrolige. Subsection b of 17.13.17.11 (MITAC (Appries to permanent pit, temporary pits, and below-grade tanks)			
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)			
Four foot height, four strands of barbed wire evenly spaced between one and four feet			
Alternate. Please specify	· · · · · · · · · · · · · · · · · · ·		
7			
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)			
Screen Netting Other			
Monthly inspections (If netting or screening is not physically feasible)			
8			
Signs: Subsection C of 19.15.17.11 NMAC			
12" X 24". 2" lettering, providing Operator's name, site location, and emergency telephone numbers			
X Signed in compliance with 19 15.3.103 NMAC		<u></u>	
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:	l	1	
X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration pit for Pre-set)	leration of appi	iovai.	
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.			
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.	ПYes	□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	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	Yes	No	
application.			
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	∐NA		
- Visual inspection (certification) of the proposed site; Acrial 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	 	<u> </u>	
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	
purposes, or minim room not receive any other receivement of spring, in existence at the time or initial apprearion.			
- 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	Yes	No	
adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality; Written approval obtained from the municipality			
Within 500 feet of a wetland.	∏Yes	□No	
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site		<b></b>	
Within the area overlying a subsurface mine.		No	
- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division			
Within an unstable area.	∐Yes	∐No	
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map			
Within a 100-year floodplain	Yes	□No	
- FEMA map	''		

Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment ChecklistSubsection 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
12
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
14 B
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 X 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 Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:(19 15 17 13 D NMAC)			
Instructions Please identify the facility or facilities for the disposal of liquids, drilling facilities are required			
Disposal Facility Name: Envirotech	Disposal Facility Permit #: NM-01-0011		
Disposal Facility Name: Basin Disposal Facility	Disposal Facility Permit #: NM-01-005	<del></del>	
Will any of the proposed closed-loop system operations and associated acti	· · · · · · · · · · · · · · · · · · ·	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 requirements of Subsection H of 19.15.17.13 NMAC  Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC  Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC			
17 Siting Criteria (Regarding on-site closure methods only: 19 15.17 10 NM Instructions Each siting criteria requires a demonstration of compliance in the closure plan a certain siting criteria may require administrative approval from the appropriate district office office for consideration of approval Justifications and/or demonstrations of equivalency are re-	Recommendations of acceptable source material are provided below or may be considered an exception which must be submitted to the Sa		
Ground water is less than 50 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search, USGS Data of	btained from nearby wells	Yes No	
Ground water is between 50 and 100 feet below the bottom of the buried w	agts.		
- NM Office of the State Engineer - iWATERS database search, USGS, Data of		∐Yes ∐No □N/A	
Ground water is more than 100 feet below the bottom of the buried waste.  - NM Office of the State Engineer - tWATERS database search; USGS, Data of	ntained from nearby wells	∐Yes ∐No □N/A	
-			
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other sign (measured from the ordinary high-water mark)	YesNo		
<ul> <li>Topographic map; Visual inspection (certification) of the proposed site</li> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church it</li> </ul>	in existence at the time of initial application	∏Yes ∏No	
- Visual inspection (certification) of the proposed site, Aerial photo, satellite ima	• •		
		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 vipursuant to NMSA 1978, Section 3-27-3, as amended.	Yes No		
<ul> <li>Written confirmation or verification from the municipality, Written approval o</li> <li>Within 500 feet of a wetland</li> </ul>	btained from the municipality	∏Yes ∏No	
- US Fish and Wildlife Wetland Identification map, Topographic map; Visual in	spection (certification) of the proposed site		
Within the area overlying a subsurface mine.		Yes No	
- Written confiramtion or verification or map from the NM EMNRD-Mining and	l Mineral Division		
Within an unstable area.  - Engineering measures incorporated into the design, NM Bureau of Geology &	Mineral Pasaurose USGS: NM Geological Society	∐Yes ∐No	
Topographic map			
Within a 100-year floodplain FEMA map		Yes No	
18			
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each by a check mark in the box, that the documents are attached.	ch of the following items must bee attached to the clos	sure plan. Please indicate,	
Siting Criteria Compliance Demonstrations - based upon the appropria	riate 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 Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC			
X 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			
X Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC  Disposed Facility Name and Permit Number (for liquids drilling fluids and drill cuttings as in case on site closure standards cannot be achieved)			
X 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 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) Marie E Jaramillo Title. Statf Regulatory Technician
Signature: Date: 71/8/19
e-mail address: Telephone: Telephone: 505-326-9865
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: 8/3/09Approval Date: 8/3/09
Title:OCD Permit Number:
Clause Parant (magnined within 60 days of alcours completion).
Closure Report (required within 60 days of closure completion):  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:
22 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.
If whitefore noise approved plans, please explains
23
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:
Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.
Disposal Facility Name:  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
24 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
Site Reclamation (Photo Documentation)
On-site Closure Location: Latitude: Longitude NAD 1927 1983
Oncerton Closure Cortification
Operator Closure Certification:  Liverby control that the information and attachments submitted with this electric vaport is time, accounts and complete to the best of my knowledge and belief. Lake certify that
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.
Date.
e-mail address: Telephone:

## Burlington Resources Oil & Gas Company, LP Cavitation Pit for Closed-Loop Locations

## Design:

Burlington Resources Oil & Gas Company, LP will use a cavitation pit plan when the surface casing will be pre-set on closed-loop locations. The drill cuttings will be stockpiled on the surface.

## **Operations and Maintenance:**

The cavitation pit will be operated and maintained as follows:

1. A five point composite sample will be taken of the drill cuttings using sampling tools and all samples will be tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the testing criteria is not met, all contents will be dug and hauled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e.

Components	Tests Method	Limit (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	2500
GRO/DRO	EPA SW-846 8015M	500
Chlorides	EPA 300.1	500

The NMOCD will be notified via email of the test results of the cavitation surface as follows:

Components	Tests Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	
BTEX	EPA SW-846 8021B or 8260B	50	
TPH	EPA SW-846 418.1	2500	
GRO/DRO	EPA SW-846 8015M	500	
Chlorides	EPA 300.1	500	

## Closure Plan:

- 1. The NMOCD will receive notice 3 days prior to the drill cuttings being distributed on location.
- 2. In the event the criteria are not met, all solids and liquids will be removed and disposed of at Envirotech (Permit #NM-01-0011) and/or Basin Disposal Facility (Permit #NM-01-005).
- 3. Testing results will be submitted with the Closure Report of the well locations Closed-Loop Permit on Form C-144.