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

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

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application
Type of action:  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 hability 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  Address: PO Box 4289, Farmington, NM 87499  Facility or well name: Canyon Largo Unit 212
API Number: 30-039-20765 OCD Permit Number  U/L or Qtr/Qtr: L(NW/SW) Section: 6 Township: 24N Range: 6W County: Rio Arriba  Center of Proposed Design: Latitude: 36.33868 °N Longitude: 107.51396 °W NAD: X 1927 1983  Surface Owner: X Federal State Private Tribal 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 LLDPE HDPE PVC Other String-Reinforced Liner Seams Welded Factory Other Volume bbl Dimensions L x W x D
X Closed-loop System: Subsection H of 19 15 17 11 NMAC  Type of Operation X P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)  Drying Pad X Above Ground Steel Tanks Haul-off Bins Other  Lined Unlined Liner type Thickness mil LLDPE HDPE PVD Other  Liner Seams Welded Factory Other
Below-grade tank: Subsection I of 19 15 17 11 NMAC   Subsection I of 19 15 17 11 NMA
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

é ···		
Fencing: Subsection D of 19 15 17 11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)		
Charallant, any faot in books true strends of books of more states (Proposed July 1990) first of a new year and a state of the state of	titution on ob-	mah)
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, inst  Four foot height, four strands of barbed wire evenly spaced between one and four feet	nunon or enu	rcn)
Alternate Please specify		
Auctinate Trease specify		
Nottings Subsection F of 10.15.17.11 NIMAC (Applies to permanent puts and permanent open (ap taplie)		
Netting: Subsection E of 19 15 17 11 NMAC (Applies to permanent pits and permanent open top tanks)  Screen Netting Other		
Screen Netting Other  Monthly inspections (If netting or screening is not physically feasible)		
Monthly inspections (if nearing 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		
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)	deration of ap	proval
Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval		
String Chitagia (regarding normitting) 10.15.17.10 NIMAC	ļ	
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 - 1WATERS 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).  Tonographic man, Veryal reprocessor (continuous) of the proposed site.		
- 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	<b>□</b>
- 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
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		
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		IN0
- Written confirmation or verification from the municipality; Written approval obtained from the municipality		
<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.	Yes	$\square_{N_0}$
- 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	l □ v <sub>aa</sub>	□N <sub>0</sub>
Within a 100-year floodplain - FEMA map	Yes Yes	∐No

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		
Stting 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  Classes Plan   Francisco Control Plan   Classes Plan   Francisco Control P		
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19 15 17.13 NMAC		
14		
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)		
Wasta Evenyation and Pamayal Clasura Plan Charklists (10.15.17.12 NMAC) Instructions: Each of the following items must be attached to the elecure plan		
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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Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Ste Instructions Please identify the facility or facilities for the disposal of liquids, drilling facilities are required				
•	Disposal Facility Permit #			
	Disposal Facility Permit #			
Will any of the proposed closed-loop system operations and associated activities  Yes (If yes, please provide the information No	· · · · · · · · · · · · · · · · · · ·	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 Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Reclamation Plan - based upon the appropriate requirements of Sulface Site Site Reclamation Plan - based upon the appropriate Plan - based upon the app	ction I of 19 15 17 13 NMAC	С		
17				
Siting Criteria (Regarding on-site closure methods only: 19 15 17 10 NMAC  Instructions Each siting criteria requires a demonstration of compliance in the closure plan Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19 15 17 10 NMAC for guidance.				
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 obt	ained 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 - tWATERS database search, USGS, Data obta	uned 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 - 1WATERS database search, USGS, Data obta	uned from nearby wells	□N/A		
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other signific (measured from the ordinary high-water mark)	eant watercourse or lakebed, sinkhole, or playa lake	Yes No		
- Topographic map, Visual inspection (certification) of the proposed site				
Within 300 feet from a permanent residence, school, hospital, institution, or church in e - Visual inspection (certification) of the proposed site, Aerial photo, satellite image		∐Yes ∐No		
		∐Yes ∐No		
Within 500 horizontal feet of a private, domestic fresh water well or spring that less that purposes, or within 1000 horizontal fee of any other fresh water well or spring, in exist - NM Office of the State Engineer - iWATERS database, Visual inspection (certification)	ence at the time of the initial application			
Within incorporated municipal boundaries or within a defined municipal fresh water we pursuant to NMSA 1978, Section 3-27-3, as amended		Yes No		
<ul> <li>Written confirmation or verification from the municipality, Written approval obta</li> <li>Within 500 feet of a wetland</li> </ul>	uned from the municipality	□Yes □No		
- US Fish and Wildlife Wetland Identification map, Topographic map, Visual insp	ection (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 N	Ineral Division			
Within an unstable area		∐Yes ∐No		
<ul> <li>Engineering measures incorporated into the design, NM Bureau of Geology &amp; M</li> <li>Topographic map</li> </ul>	meral Resources, USGS, NM Geological Society,			
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.	of the following items must bee attached to the closu	re plan. Please indicate,		
Siting Criteria Compliance Demonstrations - based upon the appropriate	e 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				
Protocols and Procedures - based upon the appropriate requirements of 19 15 17 13 NMAC				
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC				
Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC				
Disposal Facility Name and Permit Number (for liquids, drilling fluids	<del>-</del>	annot be achieved)		
Soil Cover Design - based upon the appropriate requirements of Subsection Re-vegetation Plan - based upon the appropriate requirements of Subsection Plan -				
Ste Reclamation Plan - based upon the appropriate requirements of Subse		'		

Form C-144

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) Title
Signature Date
e-mail address Telephone
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)  OCD Representative Signature: Approval Date: 7/8/201(  Title: Compliance OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Instructions Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.    X   Closure Completion Date: 11/7/2008
22
Closure Method:  Waste Excavation and Removal On-site Closure Method Alternative Closure Method X Waste Removal (Closed-loop systems only)  If different from approved plan, please explain
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 Envirotech / JFJ Landfarm % IEI Disposal Facility Permit Number NM-01-0011 / NM-01-0010B
Disposal Facility Name  Basin Disposal Facility  Disposal Facility Permit Number  NM-01-005
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) X No
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
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
Operator Closure Certification:  I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.
Name (Print) CRYSTAL TAFOYA Title STAFF REGULATORY TECHNICIAN
Signature Jalaya Date 7/1/11
e-mail address <u>crystal tafoya@conocophillips.com</u> Telephone (505) 326-9837