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 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

District IV

## 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
	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 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. Charles ET AL 1	
API Number. 30-045-06623 OCD Permit Number	
U/L or Qtr/Qtr J(NW/SE) Section 12 Township 27N Range 9W County. San Juan	'
Center of Proposed Design. Latitude. 36.35181 °N Longitude 107.44612 °W NAD: X 1927 19	983
Surface Owner. X Federal State Private Tribal Trust or Indian Allotment	
Permanent	
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)	
Below-grade tank: Subsection I of 19 15 17 11 NMAC  Volume	
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	

Encing: 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, institution or church)  Four foot height, four strands of barbed wire evenly spaced between one and four feet  Alternate Please specify				
Alternate Please specify				
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				
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)	ideration of ap	proval		
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.  - 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 (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.	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.  (Applied to permanent pits)	Yes NA	□No		
- 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		
<ul> <li>Written confirmation or verification from the municipality, Written approval obtained from the municipality</li> <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.  - Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological	Yes	No		
Society, Topographic map  Within a 100-year floodplain  - FFMA map	Yes	□No		

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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				
12				
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19 15 17 9 NMAC Instructions Lach 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 D. D. Maria I. C. Claritic Co. D. Claric IT Co. Maria				
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				
Nulsance of Flazardous Odors, including Fl2S, Frevention Flan				
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				
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)				
15				
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				
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				
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 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 fluids and drill cuttings Use attachment if more than two					
facilities are required					
Disposal Facility Name Disposal Facility Permit #					
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future  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 requirements of Subsection H of 19 15 17 13 NM.  Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC	AC				
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 NMAC					
Instructions Each siting criteria requires a demonstration of compliance in the closure plan Recommendations of acceptable source material are provided					
certain sting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to office for consideration of approval—Justifications and/or demonstrations of equivalency are required—Please refer to 19 15 17 10 NMAC for guidance	) the Santa Fe Environmental Bureau				
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 obtained from nearby wells	N/A				
Ground water is between 50 and 100 feet below the bottom of the buried waste  - NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells	Yes No				
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 from nearby wells					
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Yes No				
- 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				
- Visual inspection (certification) of the proposed site, Aerial photo, satellite image					
	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 field covered under a municipal ordinance adopted	☐Yes ☐No				
pursuant to NMSA 1978, Section 3-27-3, as amended					
<ul> <li>Written confirmation or verification from the municipality, Written approval obtained from the municipality</li> <li>Within 500 feet of a wetland</li> </ul>	Yes No				
- US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site					
Within the area overlying a subsurface mine	Yes No				
- Written confirantion or verification or map from the NM EMNRD-Mining and Mineral Division					
Within an unstable area	Yes No				
<ul> <li>Engineering measures incorporated into the design, NM Bureau of Geology &amp; Mineral Resources, USGS, NM Geological Society,</li> <li>Topographic map</li> </ul>					
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 clos by a check mark in the box, that the documents are attached.	ure plan. Please indicate,				
Siting Criteria Compliance Demonstrations - based upon the appropriate 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 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					

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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: OCD Permit Number:	
Closure Report (required within 60 days of closure completion): Subsection K of 1915 1713 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: 6/11/2010	
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)	
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:  Thereby 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.	1
Name (Print) CRYSTAL TAFOYA Title STAFF REGULATORY TECHNICIAN  Signature Date 3 S 201Z	
e-mail address <u>crystal tafoya@conocophillips com</u> Telephone (505) 326-9837	