District I 1625 N French Dr , Hobbs, NM 88240

District II

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

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			nronmental Bureau office and pro ropriate NMOCD District Office	•
1220 5 of Francis Di , Salita Pe, 19191 6/303	Pit, Closed-Loop System	. Below-Grade Ta	ank, or	
MOI I Propo	osed Alternative Method l			
Type of action:	Permit of a pit, closed-loop sys	tem, below-grade tank, o	r proposed alternative met	hod
	Closure of a pit, closed-loop sy	stem, below-grade tank,	or proposed alternative me	ethod
	Modification to an existing per	mit		
	Closure plan only submitted fo below-grade tank, or proposed	~ .	non-permitted pit, closed	-loop system,
Instructions: Please submit one ap	plication (Form C-144) per indivi	dual pit, closed-loop sys	tem, below-grade tank or	alternative request
	this request does not relieve the operator of ha			
environment Nor does approval relie	eve the operator of its responsibility to comply	with any other applicable govern	mental authority's rules, regulation	s or ordinances
Operator: Burlington Resources Oil	& Gas Company, LP	OG	RID#: 14538	
Address: PO Box 4289, Farmingto	n, NM 87499	AMATURE .		
Facility or well name: SAN JUAN 2	8-6 UNIT 111P			
API Number: 30	-039-30694	OCD Permit Number		
U/L or Qtr/Qtr: K(NE/SW) Section		Range: 6W	County: Rio Arriba	
Center of Proposed Design: Latitude:		Longitude:	107.45637 °W NAI	D: [1927 X 1983
Surface Owner: X Federal	State Private T	ribal Trust or Indian Alle	otment	
X Lined Unlined Lii X String-Reinforced	avitation P&A ner type. Thickness 20 mil	X LLDPE HDP. Volume 7700 bbl	_	W <u>55'</u> x D <u>12'</u>
Closed-loop System: Subsection Type of Operation P&A	on H of 19 15 17 11 NMAC Drilling a new well Workover of notice of in	O	ities which require prior appro	
Lined Unlined Lines	nd Steel Tanks Haul-off Bins r type Thickness mil	Other LLDPE HDPE	PVD Other N	CEIVED
Below-grade tank: Subsection I			81920	OIL CONS. DIV. DIST. 3
Volume. bl	bl Type of fluid		— \ <u>E</u>	OILCONS
Tank Construction material: Secondary containment with leak det	tection Visible sidewalls lin	er, 6-inch lift and automatic	overflow shut-off	(SI &1 C) 71 11 01 69
Visible sidewalls and liner	, <u>'</u>	other		• CLCI PP
Liner Type Thickness	mil			
5		<u> </u>		
Alternative Method:		•		
Submittal of an exception request is requ	ured Exceptions must be submitted to	the Santa Fe Environmenta	l Bureau office for considerate	tion 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, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet X Alternate Please specify 4' hogwire fence with a single strand of barbed wire on top.					
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)					
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					
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 approval (Fencing/BGT Liner) 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) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	∐NA				
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 - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Yes	No			
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map, Topographic map; Visual inspection (certification) of the proposed site	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 Society; Topographic map 	Yes	No			
Within a 100-year floodplain - FEMA map	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			
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			
String 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			
Bower A PA Part Charles Charles Charles De Colores (200) MAC			
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 10.15.17.12 NIMAC			
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 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			
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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Form C-144 Oil Conservation Division

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 fluids and drill cuttings Use attachment if more than two						
facilities are required.						
Disposal Facility Name: Disposal Facility Permit #						
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 Yes (If yes, please provide the information No	of be used for future service an	d				
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 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 stling 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 - NM Office of the State Engineer - iWATERS database search, USGS Data obtained from nearby wells	I <u>⊢</u>	es No /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		es No /A				
Ground water is more than 100 feet below the bottom of the buried waste.	Y	es No				
- NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells		/A				
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)		es 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		es \square_{No}				
Visual inspection (certification) of the proposed site, Aerial photo, satellite image		es No				
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic o purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence at the time of the initial applicat - 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 pursuant to NMSA 1978, Section 3-27-3, as amended		es No				
- Written confirmation or verification from the municipality, Written approval obtained from the municipality Within 500 feet of a wetland		es No				
- US Fish and Wildlife Wetland Identification map; Topographic map, Visual inspection (certification) of the proposed site Within the area overlying a subsurface mine		es No				
- Written confiramtion or verification or map from the NM EMNRD-Mining and Mineral Division		_				
Within an unstable area - Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Society, Topographic map		esNo				
Within a 100-year floodplain - FEMA map	П	es No				
18 On-Site Closure Plan Checklist: (19.15.17 13 NMAC) Instructions: Each of the following items must bee by a check mark in the box, that the documents are attached.	attached to the closure plan.	Please indicate,				
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17 10 NI	MAC					
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 13 NMAC	riate requirements of 19 15 17	11 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						

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) Mafie 5 Jaramillo Title. Staff Regulatory Technician			
Signature Date 12010			
e-mail address marie e_jaramillo@conocophillips.com Telephone 505-326-9865			
20			
OCD Approval: Permit Application (including dosure plan) Closure Plan (only) OCD Conditions (see attachment)			
OCD Representative Signature: Approval Date: 9/14/201			
C. al. Ance			
Title: OMP (AUCLU ATICE) OCD Permit Number:			
21			
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			
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			
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 of Parish Number			
Disposal Facility Name: Disposal Facility Permit Number 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) 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			
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			
<u></u>			
25			
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) Title			
Signature Date			
e-mail address Telephone			

Form C-144

Burlington Resources Oil & Gas Company, LP San Juan Basin

Modification for a temporary pit Drilling/Completion and Workover

Pit Closure Extension

Extension for three months to meet closure/cover requirements in Rule 19.15.17.13.A(6)

- BR did not meet the closure requirements specified in the referenced rule due to a deficiency in the system. Closure will be scheduled and initiated as soon as the sampling results are reviewed and pass for onsite closure.
- (Revised Closure Date of 04/03/10) is requested to complete closure activities.
- Other than the revised closure date there will be no modifications to the design, operation and maintenance, or closure plans for this location.
- BR is waiting on sampling results.

BR realizes this does not relieve any of the requirements of Part 17.