District I 1625 N French Dr , Hobbs, NM 88240

State of New Mexico Energy Minerals and Natural Resources

Form C-144 July 21, 2008

District II

 $1301\ W\,$ Grand Ave , Artesia, NM $\,88210\,$

District III

Department
Oil Conservation Division
1220 South St. Francis Dr.

For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office

	un St. Francis Dr.	
1000 Rio Brazos Rd , Aztec, NM 87410 Santa District IV 1220 S St Francis Dr , Santa Fe, NM 87505	Fe, NM 87505	For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office
	System, Below-Grad	le Tank or
Proposed Alternative Me		· · · · · · · · · · · · · · · · · · ·
Type of action: Permit of a pit, closed	l-loop system, below-grade to	ank, or proposed alternative method
X Closure of a pit, close	d-loop system, below-grade	tank, or proposed alternative method
Modification to an ex	isting permit	
	omitted for an existing permit proposed alternative method	tted or non-permitted pit, closed-loop system,
Instructions: Please submit one application (Form C-14	4) 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 its responsibility	· ·	· · ·
1	to comply with any other applicable g	Severimental audionty's ruies, regulations of ordinances
Operator: Burlington Resources Oil & Gas Company, LP		OGRID#: 14538
Address: PO Box 4289, Farmington, NM 87499		
Facility or well name: Culpepper Martin 16N		
API Number: 30-045-34791	OCD Permit Numbe	
U/L or Qtr/Qtr: E(SW/NW) Section: 4 Township:		12W County: San Juan
Center of Proposed Design: Latitude: 36.93116 Surface Owner: Federal State X Priva	N Longitude.	108.10715 °W NAD: 1927 X 1983
Surface Owner: Federal State X Priva	nte Tribal Trust or Indian	n Allotment
Temporary Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Liner type Thickness String-Reinforced Liner Seams Welded Factory Other	mil LLDPE Volume:	HDPE PVC Otherbbl Dimensions L x W x D
	Vorkover or Drilling (Applies to otice of intent)	activities which require prior approval of a permit or
	off Bins Other	HDPE PVD Other CEIVED A CONS. DIV. DIST.
X Lined Unlined Liner type Thickness 20	mıl X LLDPE H	HDPE PVD Other
Liner Seams. X Welded X Factory Other		S TIMED
4		omatic overflow shut-off Onl CONS. DIV. DIST.
Below-grade tank: Subsection I of 19 15 17 11 NMAC		E MAN 2010
Volumebbl Type of fluid		OIL CONS. DIV. DIST.
Tank Construction material		lo one
	ewalls, liner, 6-inch lift and auto	omatic overflow shut-off
Visible sidewalls and liner Visible sidewalls only		
Liner Type. Thicknessmil HDPE	PVC Other	
5 Altamatica Mathada		
Alternative Method:		<u></u>
Submittal of an exception request is required. Exceptions must be su	ibmitted to the Santa Fe Enviror	nmental 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, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet 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)				
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 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).	☐Yes ☐No☐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. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	☐Yes ☐No☐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) - Visual inspection (certification) of the proposed site; Acrial 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 NA 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 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 Within the area overlying a subsurface mine. Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division Within an unstable area. 	Yes No 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 FEMA 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. Hydrogoplagic Period (Pology good Torks) head year the resument of Pology good Torks) head year the resument of Pology good Torks Description Pology good Torks Pology good Tork			
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			
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 Assessmen 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 Plar			
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 Burial			
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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16 Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Stee	l 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 f are required	fluids and drill cuttings. Use attachment if more than two fac	ılıtıes		
Disposal Facility Name	Disposal Facility Permit #			
Disposal Facility Name	Disposal Facility Permit #.			
Will any of the proposed closed-loop system operations and associated activities Yes (If yes, please provide the information No				
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				
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				
round 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		Yes No		
Ground water is between 50 and 100 feet below the bottom of the buried waste		Yes No		
- NM Office of the State Engineer - (WATERS database search; USGS, Data obtain	ned 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 - tWATERS database search, USGS, Data obtain	ned from nearby wells	□N/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)		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. - 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 that purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existe - NM Office of the State Engineer - iWATERS database, Visual inspection (certific	ence at the time of the initial application	YesNo		
Within incorporated municipal boundaries or within a defined municipal fresh water we pursuant to NMSA 1978, Section 3-27-3, as amended	ell field covered under a municipal ordinance adopted	Yes No		
 Written confirmation or verification from the municipality, Written approval obta Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspections 		Yes No		
Within the area overlying a subsurface mine		Yes No		
- Written confiramtion or verification or map from the NM EMNRD-Mining and M	lineral Division			
Within an unstable area - Engineering measures incorporated into the design, NM Bureau of Geology & Mi Topographic map	neral Resources, USGS, NM Geological Society,	YesNo		
Within a 100-year floodplain - FEMA map		Yes No		
On-Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each of the check mark in the box, that the documents are attached.	f the following items must bee attached to the closure p	olan. Please indicate, by a		
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 Subs				

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Operator Application Contification
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
20
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: Approval Date: 9/16/20/
Approvai Date: 1/16/00/1
Title: OM I ance Hore 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: 5/8/2009
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 (Original Approved Drying Pad was not utilized for this location)
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 Installatior Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location Latitude Longitude NAD 1927 1983
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) Crystal Tafoya Title. Regulatory Technician
Signature Instal Taloga Date 1/4/2010
e-mail address. crystal tafoya@conocphillips.com Telephone 505-326-9837

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