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

1000 Rio Brazos Rd , Aztec, NM 87410 <u>District IV</u> 1220 S St Francis Dr , Santa Fe, NM 87505	Santa 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
	sed-Loop System, Below-Grad	e Tank, or
	ernative Method Permit or Clos	
Type of action Permit	of a pit, closed-loop system, below-grade ta	nk or proposed alternative method
Type of tectionTermin	re of a pit, closed-loop system, below-grade to	
=	ication to an existing permit	ann, or proposed anomalive memor
Closur	e plan only submitted for an existing permitt grade tank, or proposed alternative method	ed or non-permitted pit, closed-loop system,
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop	o system, below-grade tank or alternative request
	pes not relieve the operator of hability should operations re	
environment Nor does approval relieve the operator	r of its responsibility to comply with any other applicable g	governmental authority's rules, regulations or ordinances
Operator. Burlington Resources Oil & Gas Co	ompany, LP	OGRID#· 14538
Address PO Box 4289, Farmington, NM 874	199	
Facility or well name McCord 101		
API Number 30-045-3378.	3 OCD Permit Number	
U/L or Qtr/Qtr. G(SW/NE) Section 9	Township 30N Range: 1	3W County: San Juan
Center of Proposed Design Latitude3	66.829677 °N Longitude:	108.206272 °W NAD: X 1927 1983
Surface Owner X Federal Stat	Private Tribal Trust or Indian	Allotment
Pit: Subsection F or G of 19 15 17 11 NMAC Temporary Drilling Workover		RCVD SEP 26 '12 OIL CONS. DIV.
Permanent Emergency Cavitation	_P&A	
Lined Unlined Liner type	Thickness mil LLDPE l	HDPE PVC Other
String-Reinforced		
Liner Scams Welded Factory	Other Volume	bbl Dimensions Lx Wx D
	wew well Workover or Drilling (Applies to a notice of intent) KS Haul-off Bins Other	octivities which require prior approval of a permit or DPE PVD Other
4 Below-grade tank: Subsection 1 of 19 15 17 Volume bbl Type Tank Construction material	11 NMAC e of fluid	
Secondary containment with leak detection	Visible sidewalls, liner, 6-inch lift and autor e sidewalls only Other HDPE PVC Other	natic overflow shut-off
5 Alternative Method:		
Submittal of an exception request is required Exception	tions must be submitted to the Santa Fe Environm	ental Bureau office for consideration of approval

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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) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent revidence, school, hospital, mix 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)	titution or chu	a ch)
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 cons (Fencing/BGT Liner) Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	ideration of ap	oproval
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 - 1WATERS database search, Visual inspection (certification) of the proposed site	Yes	Пис
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	, Lites	∐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 Burcau of Geology & Mineral Resources, USGS, NM Geological Society, Topographic map 	Yes	No
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
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: 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 Description of Date Description Charleton, Charleton, Colorator D. 6 10 15 17 0 NIMAC
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 Proposed Classes 10.15.17.12.2004.C
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
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 Wester Democral Classure For Classed Ivan Scretcing That Lither About Covered State	Table on H. J. (CP. Oake (10 16 17 12 DANAC)		
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 reguired			
Disposal Facility Name	Disposal Facility Permit #		
	Disposal Facility Permit #		
Will any of the proposed closed-loop system operations and associated activiting Yes (If yes, please provide the information No	es occur on or in areas that will not be used for future	service and	
Required for impacted areas which will not be used for future service and operations		10	
Soil Backfill and Cover Design Specification - based upon the approprial Re-vegetation Plan - based upon the appropriate requirements of Subse		AC .	
Site Reclamation Plan - based upon the appropriate requirements of Su			
17 Siting Criteria (Regarding on-site closure methods only: 19 15 17 10 NMA	С		
Instructions Lach siting criteria requires a demonstration of compliance in the closure plan	Recommendations of acceptable source material are provided	below Requests regarding changes to	
certain viting criteria may require administrative approval from the appropriate district offic office for consideration of approval—Justifications and/or demonstrations of equivalency are		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 obt	rained from nearby wells	∐Yes ∐No ∏N/A	
Ground water is between 50 and 100 feet below the bottom of the buried waster		∐Yes ∐No	
- NM Office of the State Engineer - iWATERS database search, USGS, Data obta	ained 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 - IWATERS database search, USGS, Data obta	ained 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)	cant 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	existence at the time of initial application	Yes No	
- Visual inspection (certification) of the proposed site, Aerial photo, satellite image			
		YesNo	
Within 500 horizontal feet of a private, domestic fresh water well or spring that less the purposes, or within 1000 horizontal fee of any other fresh water well or spring, in exist			
- NM Office of the State Engineer - 1WATERS database, Visual inspection (certifi			
Within incorporated municipal boundaries or within a defined municipal fresh water we	ell field covered under a municipal ordinance adopted	Yes No	
 pursuant to NMSA 1978, Section 3-27-3, as amended Written confirmation or verification from the municipality, Written approval obta 	aned from the municipality		
Within 500 feet of a wetland		∏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 confirantion or verification or map from the NM EMNRD-Mining and M	Ameral Division		
Within an unstable area - Engineering measures incorporated into the design, NM Bureau of Geology & M	meral Resources LISCS NIM Geological Society	∐Yes ∐No	
Topographic map	metal resolutes, 0303, two octological society,		
Within a 100-year floodplain		Yes No	
- FEMA map			
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 closi	ire plan Please indicate,	
Siting Criteria Compliance Demonstrations - based upon the appropriat	te 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 requirement	nts 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 Plan - based upon t			
Site Reclamation Plan - based upon the appropriate requirements of Sul	030001011 01 17 13 17 13 NWAC	ı	

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				
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 126/2012 Title: 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: 8/28/2012				
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 MM-01-0011 / NM-01-0010B				
Disposal Facility Name Basin Disposal Facility Disposal Facility Permit Number MM-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				
Reguned 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) Dolli®L Busse Title Staff Regulatory Technician				
Signature \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\				
e-mail address dollie I busse@conocophillips com Telephone (505) 324-6104				