District I 1625 N French Dr , Hobbs, NM 88240 State of New Mexico

Form C-144 July 21, 2008

District II

1301 W Grand Ave, Artesia, NM 88210

District III

1000 Rio Brazos Rd, Aztec, NM 87410

District IV

Energy Minerals and Natural Resources

Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

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

1220 S St Francis Dr , Santa Fe, NM 87505			appropriate NMOCD	District Office
	Pit, Closed-Loop System			
Prop	bosed Alternative Method	Permit or C	<u>losure Plan App</u>	<u>lication</u>
Type of action:	Permit of a pit, closed-loop sy	stem, below-grad	le tank, or proposed alt	ernative method
	X Closure of a pit, closed-loop s	ystem, below-gra	de tank, or proposed a	Iternative method
	Modification to an existing pe	ermit		
	Closure plan only submitted f		-	d pit, closed-loop system,
Instructions: Plansa submit on a	below-grade tank, or proposed application (Form C-144) per indiv			rada tank or altarnativa raquest
	of this request does not relieve the operator of l	-		_
	elieve the operator of its responsibility to comply			
Operator: Burlington Resources C	Dil & Gas Company, LP		OGRID#: 1453	8
Address: PO Box 4289, Farming				
Facility or well name: San Juan 2				
API Number:	30-039-07058	OCD Permit Nui	mber	
U/L or Qtr/Qtr: L(NW/SW) Sect	tion: 13 Township: 27N	Range:	6W County:	Rio Arriba
Center of Proposed Design: Latitud	le: 36.57208 °N	Longitude:	107.42439	°W NAD: <b>X</b> 1927 ☐ 1983
Surface Owner: X Federal	State Private	Tribal Trust or In	dian Allotment	
2				DOUR AUG 714 O
Pit: Subsection F or G of 19 15.	17 11 NMAC			RCVD AUG 7'12
	orkover			OIL CONS. DIV. DIST. 3
	Cavitation P&A  Liner type Thickness mi	ıl 🗍 LLDPE [	HDPE PVC	Other
String-Reinforced	and type Thickness in			Other
	Factory Other	Volume	bbl Dimensions	L xW xD
Effet Seams Weided		_ volune		L XW XD
3 Closed-loop System: Subset	ction H of 19 15 17 11 NMAC			
Type of Operation X P&A		or Drilling (Applie	s to activities which requ	ire prior approval of a permit or
	notice of ii	ntent)		
	ound Steel Tanks Haul-off Bins	Other		lou
	rer type. Thicknessmil Factory Other	LLDPE [	HDPE PVD	Other
Emer scams Weided	detory			
Below-grade tank: Subsection	Lof 19 15 17 11 NMAC			
Volume	bbl Type of fluid			
Tank Construction material				
Secondary containment with leak of	letection Visible sidewalls, In	ner, 6-inch lift and	automatic overflow shut-o	off
Visible sidewalls and liner	Visible sidewalls only	Other		

Submittal of an exception request is required Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval

**Alternative Method:** 

Form C-144

Thickness

Liner Type

Oil Conservation Division

Other

PVC

HDPE

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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 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				
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)  Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	ideration of ap	proval		
**				
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  - 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  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				
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				
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				
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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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 #.					
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and  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 G of 19 15.17.13 NMAC  Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15.17.13 NMAC	AC				
Site Reclamation Fian - based upon the appropriate requirements of Subsection G of 19 13.17.13 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 siting 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					
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					
Ground water is between 50 and 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	∐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 obtained 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)  - 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				
- Visual inspection (certification) of the proposed site, Aerial photo, satellite image					
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 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	Yes No				
- Written confirantion 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	YesNo				
Within a 100-year floodplain - FEMA map	Yes No				
On-Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each of the following items must bee attached to the close 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 of	annot 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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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: Signature: 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: 7/2/2012
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 % IEJ 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
Ste 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) Dollie L Busse Title Staff Regulatory Technician
Signature Sulfie Susse Date 3/6/12
e-mail address dollie   busse@conocophillips com Telephone (505) 324-6104