District 1 1625 N French Dr , Hobbs, NM 88240

1301 W Grand Ave , Artesia, NM 88210 District III 1000 Rio Brazos Rd . Aztec. NM 87410

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

Form C-144

tanks, submit to the appropriate NMOCD District Office

For permanent pits and exceptions submit to the Santa Fe

District IV 1220 S St. Francis Dr., Santa Fe, NM 87505	Sama re, Nivi 6/303	Environmental Bureau office and provide a copy to the appropriate NMOCD District Office
	sed-Loop System, Below-Grad	de Tank, or
Proposed Alte	ernative Method Permit or Clo	sure Plan Application
X Closur  Modifi		tank, or proposed alternative method itted or non-permitted pit, closed-loop system,
	grade tank, or proposed alternative method	
	Form C-144) per individual pit, closed-lo bes not relieve the operator of hability should operations	op system, below-grade tank or alternative request
	-	e governmental authority's rules, regulations or ordinances
Operator: ConocoPhillips Company		OGRID#· <u>217817</u>
Address PO Box 4289, Farmington, NM 874	199	
Facility or well name. San Juan 28-7 Unit 274		
API Number. 30-039-2647	OCD Permit Numb	
U/L or Qtr/Qtr     C(NE/NW)     Section.     11       Center of Proposed Design     Latitude     3       Surface Owner     X     Federal     State	Township: 27N Range 66.593101 °N Longitude e Private Tribal Trust or India	7W         County:         Rio Arriba           107.545426         °W         NAD         X 1927         1983           an Allotment         ***         NAD         X 1927         1983
Permanent Emergency Cavitation  Lined Unlined Liner type  String-Reinforced  Liner Seams Welded Factory	Thickness mil LLDPE	HDPE
	new well Workover or Drilling (Applies to notice of intent)  KS Haul-off Bins Other	HDPE PVD Other PVD Other PECELVED AUG 2011
Tank Construction material	11 NMAC e of fluid  Visible sidewalls, liner, 6-inch lift and aut	AUG 2011]  OIL CONS DIV. DIST. 3
Secondary containment with leak detection  Visible sidewalls and liner Visible  Liner Type Thickness mil	e sidewalls only Other  HDPE PVC Other	Miniate Overnow Stift-OII
5 Alternative Method:		
Submittal of an exception request is required Excep	tions must be submitted 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, instance of the light, four strands of barbed wire evenly spaced between one and four feet  Alternate Please specify	utution or chur	rch)		
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)  - Visual inspection (certification) of the proposed site. Aerial photo, Satellite image	Yes NA	No		
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 man	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 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: 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
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 Remoyal Closure For Closed-loop Systems That Utilize Above Ground Ste	el 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 facilities are required			
	Disposal Facility Permit #		
-	Disposal Facility Permit #		
Will any of the proposed closed-loop system operations and associated activities  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 appropria  Re-vegetation Plan - based upon the appropriate requirements of Subset  Site Reclamation Plan - based upon the appropriate requirements of Sul	ction I of 19 15 17 13 NMAC	.c	
17			
Siting Criteria (Regarding on-site closure methods only: 19 15 17 10 NMAd Instructions Each siting criteria requires a demonstration of compliance in the closure plan certain siting criteria may require administrative approval from the appropriate district offic office for consideration of approval - Justifications and/or demonstrations of equivalency are	Recommendations of acceptable source material are provided to e or may be considered an exception which must be submitted to		
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 obta	amed 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 - tWATERS database search, USGS, Data obta		□ 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	ned 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)	ant 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 - Visual inspection (certification) of the proposed site, Aerial photo, satellite image		Yes No	
		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 existing NM Office of the State Engineer - iWATERS database, Visual inspection (certification).	ence at the time of the initial application		
Within incorporated municipal boundaries or within a defined municipal fresh water we pursuant to NMSA 1978, Section 3-27-3, as amended		Yes No	
<ul> <li>Written confirmation or venification from the municipality, Written approval obta</li> <li>Within 500 feet of a wetland</li> </ul>	med from the municipality	∏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	
<ul> <li>Written confirantion or verification or map from the NM EMNRD-Mining and M</li> <li>Within an unstable area</li> </ul>	lineral Division	∏Yes ∏No	
- Engineering measures incorporated into the design, NM Bureau of Geology & Mi	neral Resources, USGS, NM Geological Society,		
Topographic map Within a 100-year floodplain		∏Yes ∏No	
- FEMA map		Lifes Livo	
On-Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each	of the following items must bee attached to the closu	re plan. Please indicate,	
by a check mark in the box, that the documents are attached.  Siting Criteria Compliance Demonstrations - based upon the appropriat	e requirements of 10.15.17.10 NIMAC		
Proof of Surface Owner Notice - based upon the appropriate requirement	•		
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 Subset			
Site Reclamation Plan - based upon the appropriate requirements of Sul			

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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
c-mail address
20 OCD Approval: Permit Application (including closure plan) Cosure 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: 8/9/2011
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 <u>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.</u>
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
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:  I hereby certify that the information and attachments submitted with this closure report is time, 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 STAFF REGULATORY TECHNICIAN
Signature Exploid Taloya Date 8/25/11
e-mail address <u>crystal tafoya@conocophillips com</u> Telephone (505) 326-9837