District I 1625 N French Dr , Hobbs, NM 88240

District II 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

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 tanks, submit to the appropriate NMOCD District Office

Form C-144

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office

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Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:	Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
	X Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
	Modification to an existing permit
	Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system,
	below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) 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 liability should operations result in pollution of surface water, ground water or the

1 Operator: ConocoPhillips Company OGRID#: 217817
Address: PO Box 4289, Farmington, NM 87499
Facility or well name: San Juan 31-6 Unit 16N
API Number: 30-039-30668 OCD Permit Number
U/L or Qtr/Qtr: A(NE/NE) Section: 32 Township: 31N Range: 6W County: Rio Arriba
Center of Proposed Design: Latitude: 36.85971 °N Longitude: 107.47847 °W NAD: 1927 1983
Surface Owner: X Federal State Private Tribal Trust or Indian Allotment
Pit: Subsection F or G of 19 15 17 11 NMAC Temporary Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Liner type Thickness mil LLDPE HDPE PVC Other String-Reinforced Liner Seams Welded Factory Other Volume. bbl Dimensions L x W x D
X Closed-loop System: Subsection H of 19 15.17.11 NMAC Type of Operation P&A X Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) X Drying Pad X Above Ground Steel Tanks Haul-off Bins Other Company Other Other Company Other Other
Liner Seams X Welded X Factory Other
Below-grade tank: Subsection I of 19 15 17 11 NMAC Volume bbl Type of fluid OIL CONS. DIV. DIST. 3
Below-grade tank: Subsection I of 19 15 17 11 NMAC Volume
Alternative Method:
Submittal of an exception request is required Exceptions must be submitted to the Santa Fe Environmental 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, instit 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)	ution or churc	h)
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 consitution (Fencing/BGT Liner) Exception(s). Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	deration of app	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.		A
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. (Applies to temporary, emergency, or cavitation pits and below-grade tanks)	☐Yes ☐NA	No
- 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) Nevel respective (septiment) of the proposed site. Aerial photo: Satellite image.	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 □ _{N1}
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	🗀 ' ' ' ' '	П ,,,о

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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 NMAC		
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC		
Design Plant- 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 Number		
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		
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 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 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		
14 P		
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 Steel Tanks or Haul-off Bins Only: (19 15 17	12 D NIMAC)	
Instructions. Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if		
Disposal Faculty Name		
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 be us	ed for future service and operations?	
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 1	5 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 stiting criteria requires a demonstration of compliance in the closure plan Recommendations of acceptable source material a stiting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitt 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	∐N/A	
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	<u> </u>	
Ground water is more than 100 feet below the bottom of the buried waste	Yes No	
- NM Office of the State Engineer - : WATERS 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 p (measured from the ordinary high-water mark)	laya 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 existence at the time of initial application.	Yes No	
- 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 than five households use for domestic or stoc 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	k watering	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinal pursuant to NMSA 1978, Section 3-27-3, as amended	nce adopted Yes No	
Written confirmation or verification from the municipality, Written approval obtained from the municipality Within 500 feet of a wetland	☐Yes ☐No	
- US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site		
Within the area overlying a subsurface mine	Yes No	
- Written confiramtion or verification or map from the NM EMNRD-Mining and Minera, Division		
Within an unstable area	Yes No	
- Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Topographic map	society,	
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 attach check mark in the box, that the documents are attached.	ed to the closure plan. 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		
Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15 17 13 NMA		
☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site clos ☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC	are standards cannot be acmeved)	
Re-vegetation Plan - based upon the appropriate requirements of Subsection 1 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
N (D)
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: 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. X Closure Completion Date: 7/29/2009
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.
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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 compliant 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
24 <u>Closure Report Attachment Checklist:</u> 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 (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
On the closure Eccanon.
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 electric complicit with all amplicable electric requirements and exaditions amended in the approved electric plant.
the closure complies with all applicable closure requirements and conditions specified in the approved closure plan
Name (Print) Crystal Tafoya , Title Regulatory Technician
Name (Print) Crystal Tafoya , Title Regulatory Technician