Distr t 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

State of New Mexico Energy Minerals and Natural Resources

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

Form C-144 July 21, 2008

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

District IV 1220 S St Francis Dr., Santa Fe, NM 87505	,		Environmental Bureau office a appropriate NMOCD District (
	Pit, Closed-Loop System,	Below-Grade	Tank, or	
Propo	osed Alternative Method P			<u>on</u>
Type of action	Permit of a pit, closed-loop syste	em, below-grade tar	ık, or proposed alternative	e method
•	X Closure of a pit, closed-loop syst	tem, below-grade ta	ink, or proposed alternativ	ve method
	Modification to an existing perm	nıt		
	Closure plan only submitted for below-grade tank, or proposed a		ed or non-permitted pit, cl	losed-loop system,
Instructions: Please submit one ap	oplication (Form C-144) per individu		system, below-grade tan	ik or alternative request
	f this request does not relieve the operator of liable eve the operator of its responsibility to comply we			
Operator. ConocoPhillips Company	,		OGRID# <u>217817</u>	
Address. PO Box 4289, Farmingto	n, NM 87499			
Facility or well name. Lodewick 3			····	
API Number 30)-045-06467	OCD Permit Number		
U/L or Qtr/Qtr M(SW/SW) Section	on:18 Township27N	Range:9	W County San Ju	
Center of Proposed Design. Latitude	36.570251 °N	Longitude:	107.83515 °W	NAD. 1927 X 1983
Surface Owner. X Federal	State Private Tri	bal Trust or Indian	Allotment	
2				RCVD MAR 1'12
Pit: Subsection F or G of 19 15 17				OIL CONS. DIV.
Temporary Drilling World	_			DIST. 3
	avitation P&A ner type Thickness mil	LLDPE	HDPE PVC Other	
String-Reinforced	in type Thickness him		IDIEIVE OINCI	
	ctory Other	Volume	bbl Dimensions L	x W x D
		voidine		
X Closed-loop System: Subsective Type of Operation X P&A	on H of 19 15 17 11 NMAC Drilling a new well Workover or notice of inter		ctivities which require prior	approval of a permit or
Drying Pad X Above Groun	nd Steel Tanks Haul-off Bins	Other		
	type Thickness mil	LLDPE HI	DPE PVD Other	
	ctory Other			
[.				
Below-grade tank: Subsection I	of 19 15 17 11 NMAC			
Volumebt	ol Type of fluid			
Tank Construction material				
Secondary containment with leak det	ection Visible sidewalls, liner,	, 6-inch lift and auton	natic overflow shut-off	
Visible sidewalls and liner	Visible sidewalls only Oth			
Liner Type Thickness	mıl HDPE PVC	Other		
5 Alternative Method:				
Submittal of an exception request is requ	ured Exceptions must be submitted to th	ne Santa Fe Environm	ental Bureau office for consi	deration 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, ms 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	rch)
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 Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	aderation 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake	☐ Yes	□No
(measured from the ordinary high-water mark). - 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
(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 - 1WATERS 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	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 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: 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 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				
Closure train - based upon the appropriate requirements of Subsection C of 13 13 17 3 NN/AC and 13 13 17 13 NN/AC				
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)				
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				

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16 No. 4. D. 10. 14 Class of Exp. Class I Inc. Cat. 10. The Middle About Consul Start Tombs on Hard off Pire Only (10.15.17.12.D.NMAC)					
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					
actitues are required					
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 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 NM.	AC				
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					
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 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. Instifications 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	∐N/A				
Ground water is more than 100 feet below the bottom of the buried waste	Yes No				
- NM Office of the State Engineer - 1WATERS 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)	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 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	Yes No				
pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality, Written approval obtained from the municipality					
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 confiramtion 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,	IESINO				
Topographic map Within a 100-year floodplain - FEMA map	Yes No				
18 On-Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions Each of the following items must bee attached to the clos 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 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 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
20 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 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: 8/7/2008
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
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 / JF J 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 compliance to the items below) X No Required for impacted areas which will not be used for future service and operations. Site Reclaimation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique
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
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 STAFF REGULATORY TECHNICIAN
Signature Gold Taloya Date 2/29/2012
e-mail address crystal tafoya@conocophillips com Telephone (505) 326-9837