<u>District I</u> 1625 N. French Dr., Hobbs, N	 М 88240 Бы	State of New Me			Form C-144 July 21, 2008
District II 1301 W. Grand Ave., Artesia, District III	· .	ergy Minerals and Natur Department Oil Conservation Di 1220 South St. Fran	vision	For temporary pits, closed-loop tanks, submit to the appropriate	o sytems, and below-grade
1000 Rio Brazos Rd., Aztec, N District IV 1220 S. St. Francis Dr., Santa		Santa Fe, NM 87		For permanent pits and except Environmental Bureau office and appropriate NMOCD District Of	provide a copy to the
		ed-Loop System, B	elow-Grade	Tank or	
<u> </u>		mative Method Peri			n
Созара Туре	of action: Permit o	f a pit, closed-loop system,	below-grade tan	k. or proposed alternative r	nethod
	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				
		ation to an existing permit	C		
		plan only submitted for an or rade tank, or proposed alter		d or non-permitted pit, clos	sed-loop system,
Instructions: Please	submit one application (F	orm C-144) per individual	pit, closed-loop	system, below-grade tank	or alternative request
		s not relieve the operator of liability of its responsibility to comply with a	•		
1 Operator: <u>ConocoPhill</u> Address: PO Box 428	ips Company 9, Farmington, NM 8749	9	(OGRID#: <u>217817</u>	
	Maddox WN Federal 7				
API Number:	30-045-30336	00	D Permit Number:		
U/L or Qtr/Qtr: H(SE		Township: 30N		W County: San Jua	n
Center of Proposed Desi		·	ر	-108.150245 °W N	
Surface Owner: X	Federal State		Trust or Indian		
Temporary: Dri Permanent Em Lined Unl String-Reinforced	ined Liner type: T	P&A hickness mil [Dther Vo	LLDPE H	IDPE PVC Other	RCVD MAR 20 '13 DIL CONS. DIV. DIST. 3
3 X <u>Closed-loop Syste</u> Type of Operation:	em: Subsection H of 19.15 P&A Drilling a ne Above Ground Steel Tanks	w well X Workover or Dri notice of intent)	ling (Applies to ac	ctivities which require prior ap	pproval of a permit or
Lined Unli Liner Seams: We		icknessmil		DPE PVD Other	
Volume: Tank Construction mater	nt with leak detection	I NMAC of fluid: Visible sidewalls, liner, 6-i sidewalls only Other HDPE PVC	_ nch lift and autom Other	atic overflow shut-off	
5 Alternative Meth Submittal of an exception	n request is required. Excepti	ons must be submitted to the Sa	anta Fe Environme	ental Bureau office for conside	eration of approval.

		1	
6 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			
7 <u>Netting:</u> 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)			
8			
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 <u>Administrative Approvals and Exceptions:</u> 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)	ideration of ap	proval.	
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.			
10	[
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.	Yes	No	
(Applied to permanent pits) - 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.	∏Yes	No	
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map			
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			
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			
¹⁴ 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 Permanent Pit Below-grade Tank Closed-loop System			
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 1 of 19.15.17.13 NMAC			
She recommandon that - based upon the appropriate requirements of subsection 6 of 19.15.17.15 NWAC			

•--

<u>Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel T</u> Instructions: Please identify the facility or facilities for the disposal of liquids, drilling flux	ids and drill cuttings. Use attachment if more than two		
facilities are required.	nosal Facility Permit #		
Disposal Facility Name: Dis Disposal Facility Name: Dis			
Will any of the proposed closed-loop system operations and associated activities o Yes (If yes, please provide the information No			
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 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 <u>Siting Criteria (Regarding on-site closure methods only:</u> 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Re- certain siting criteria may require administrative approval from the appropriate district office or office for consideration of approval. Justifications and/or demonstrations of equivalency are req	may be considered an exception which must be submitted to t		
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 obtained	d from nearby wells	Yes No 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 - 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 (measured from the ordinary high-water mark).	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 exist - Visual inspection (certification) of the proposed site; Aerial photo; satellite image	ence at the time of initial application.	Yes No	
- visual inspection (control (0)) of the proposed site, renal proto, satellite inage		Yes No	
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than fi purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence - NM Office of the State Engineer - iWATERS database; Visual inspection (certification - iWATERS database; Visual inspection - iWATERS	e at the time of the initial application.		
Within incorporated municipal boundaries or within a defined municipal fresh water well fi pursuant to NMSA 1978, Section 3-27-3, as amended.		Yes No	
 Written confirmation or verification from the municipality; Written approval obtained Within 500 fect of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection 		Yes No	
Within the area overlying a subsurface mine. - Written confirantion or verification or map from the NM EMNRD-Mining and Mine		Yes No	
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Minera		Yes No	
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 by a check mark in the box, that the documents are attached.	the following items must bee attached to the closur	re 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

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

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

....

.

19 Operator Application Certification:			
I hereby certify that the information submitted with this application is true, accu	•	of my knowledge and belief.	
Name (Print):	<u> Title:</u>		
Signature:			
e-mail address:	Telephone:		
20 <u>OCD Approval:</u> Permit Application (including closure plan)	Qlosure Plan-(only)	OCD Conditions (see attachment)	
OCD Approval:	Closure Pran-toniy)		1
OCD Representative Signature:	(elly	Approval Date: $4/02/20(-5)$	
Title: Compliance, Starce		Nume have	İ
The OMMANCE STACE		Number:	
21		·	
Closure Report (required within 60 days of closure completion): Sub	section K of 19.15 17.13 NMAC		
Instructions: Operators are required to obtain an approved closure plan prior	to implementing any closure		
report is required to be submitted to the division within 60 days of the completion	2	lease do not complete this section of the form until an	1
approved closure plan has been obtained and the closure activities have been c	•	2/2/2013	1
	X Closure C	ompletion Date: $3/8/20(5)$	
22			
Closure Method:			
Waste Excavation and Removal On-site Closure Method	Alternative Closure Me	thod X Waste Removal (Closed-loop systems only)	I
If different from approved plan, please explain.			
23			
Closure Report Regarding Waste Removal Closure For Closed-loop System	ns That Utilize Above Grou	nd Steel Tanks or Haul-off Bins Only:	
Instructions: Please identify the facility or facilities for where the liquids, dril	ling fluids and drill cuttings	were disposed. Use attachment if more than two facilities	
were utilized.			
Disposal Facility Name: Envirotech / JFJ Landfarm % IEI		mit Number: <u>NM-01-0011 / NM-01-0010B</u>	
Disposal Facility Name: Basin Disposal Facility	· · ·	mit Number: <u>NM-01-005</u>	
Were the closed-loop system operations and associated activities performed	_	used for future service and opeartions?	
Yes (If yes, please demonstrate compliane to the items below)	X No		1
Required for impacted areas which will not be used for future service and of	perations:		
Site Reclamation (Photo Documentation)			
Re-vegetation Application Rates and Seeding Technique			
C-vegetation Application Rates and Security Technique			
			ſ
<u>Closure Report Attachment Checklist:</u> Instructions: Each of the fol the box, that the documents are attached.	lowing items must be attach	d to the closure report. Please indicate, by a check mark in	
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		*G#A	۳ <u>.</u>
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 closur	-		ıat
the closure complies with all applicable closure requirements and conditions sp	10 11 11 11	wa ntan	
ne crosti e complica nini un applicante crosti e regiti emente ana contantone q	secified in the approved closi	ne plun.	

Name (1 mm).	Demse sources	THUE.	Regulatory reenhietan
Signature:	Denise Tourney	Date:	3/18/2013
e-mail address:	Denise.Journey@conocophillins.com	Telephone:	505-326-9556