District I $1625\ N$ French Dr , Hobbs, NM 88240

District II 1301 W Grand Ave , Artesia, NM 88210

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

Form C-144

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 appropriate NMOCD District Office

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
	Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
	X 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 request

Please be advised that approval of this request does not relieve the operator of liability should operations environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable	
Operator: ConocoPhillips Company Address: PO Box 4289, Farmington, NM 87499	OGRID#: <u>217817</u>
Facility or well name: San Juan 32-7 Unit 19A	
API Number: 30-045-34475 OCD Permit Numb	er.
	7W County: San Juan
U/L or Qtr/Qtr: G(SW/NE) Section: 4 Township: 31N Range: Center of Proposed Design: Latitude: 36.92925 °N Longitude:	107.572361 °W NAD: 1927 X 1983
Surface Owner: X Federal State Private Tribal Trust or India	
X Pit: Subsection F or G of 19 15.17.11 NMAC	ROUD MAR 27 'OS
Temporary X Drilling Workover	OIL CONS. DIV.
Permanent Emergency Cavitation P&A	is the state
X Lined Unlined Liner type: Thickness 12 mil X LLDPE	HDPE PVC Other DIST. 3
X String-Reinforced	
Liner Seams X Welded X Factory Other Volume. 4400	bbl Dimensions L <u>65'</u> x W <u>45'</u> x D <u>10'</u>
notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other	o activities which require prior approval of a permit or HDPE PVD Other
Below-grade tank: Subsection I of 19 15 17.11 NMAC Volume:bbl	omatic overflow shut-off
5 Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environ	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, institution or church)				
Four foot height, four strands of barbed wire evenly spaced between one and four feet X Alternate. Please specify 4' hogwire fence with a single strand of barbed wire on top.				
[X] Michiael. Trease specify 4 negative reflect with a single strain of barber wite on top.				
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 consideration of approval. (Fencing/BGT Liner)				
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) - 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.	Yes No			
(Applied to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	□NA □			
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	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.				
- Written confirmation 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	Yes No			
Within a 100-year floodplain - FEMA map	Yes No			

Form C-144 Oil Conservation Division Page 2 of 5

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 trems 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				
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 leavels, drilling fluids and drill outlings)				
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 I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC				
Site Resistation Figure 3 agest upon the appropriate requirements of Subsection O of 17.13.17.13 (1976)				

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Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins O Instructions. Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use are required.	nly: (19.15.17.13.D NMAC) e attachment if more than two facilities					
Disposal Facility Name: Disposal Facility Permit #	# :					
	#:					
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that Yes (If yes, please provide the information No		rations?				
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						
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NMAC Instructions Each siting criteria requires a demonstrative of compliance in the closure plan Recommendations of acceptable certain string criteria may require administrative approval from the appropriate district office or may be considered an exceptation for consideration of approval Justifications and/or demonstrations of equivalency are required Please refer to 19 15.17.10 N	on which must be submitted to the Santa Fe Environ					
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, (measured from the ordinary high-water mark)	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 existence at the time of initial - Visual inspection (certification) of the proposed site, Aerial photo; satellite image	Yes Yes	No				
	Yes	No				
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for doing purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence at the time of the initial - 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 mur pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	nicipal ordinance adopted Yes	No				
Within 500 feet of a wetland	Yes	□No				
- US Fish and Wildlife Wetland Identification map, Topographic map; Visual inspection (certification) of the pi						
Within the area overlying a subsurface mine.	Yes	No				
- Written confiramtion or verification or map from the NM EMNRD-Mining and Mineral Division	ļ					
Within an unstable area - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS, NM	Yes Yes	∐No				
Topographic map	Geological 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 muby a check mark in the box, that the documents are attached.	est bee attached to the closure plan. Pleas	e 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 19.1	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 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 a	appropriate requirements of 19.15.17.11 NM	MAC				
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						
Ste Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC						

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Operator Application Certification:				
I hereby certify that the information submitted with	this application is true, accu	rate and complete to the	best of my knowledge and belief	
Name (Print): Tamra	Sessions	Title:	Staff Regulatory Technician	
Signature	essin	Date:	3-26-09	
e-mail address: <u>sessitd@con</u>	ocophillips.com	Telephone	505-326-9834	
20 OCD Approval: Permit Application (ind	cluding closure plan)	Closure Plan (only)	OCD Conditions (see attachment)	
		/		
OCD Representative Signature: Title: EWNO/5PC	ugh Dell	 -	Approval Date: <u>4-23-09</u>	
Title: Emiro/spe	L	OCD Pern	nit Number:	
21 Closure Report (required within 60 days of	closure completion): Subs	ection K at 19 15 17 13 NMAC		
Instructions: Operators are required to obtain an a	approved closure plan prior to	o implementing any closi	ure activities and submitting the closure report. The closure	
report is required to be submitted to the division w approved closure plan has been obtained and the c			es Please do not complete this section of the form until an	
			e Completion Date:	
22 Closure Method:				
 	On-site Closure Method	Alternative Closure	Method Waste Removal (Closed-loop systems only)	
If different from approved plan, please exp	laın.	_	_	
23				
Closure Report Regarding Waste Removal Clos				
Instructions: Please identify the facility or faciliti were utilized.	es for where the liquids, drill	ing fluids and drill cutti	ings were disposed. Use attachment if more than two facilities	
Disposal Facility Name		Disposal Facility	Permit Number	
Disposal Facility Name		Disposal Facility	Permit Number	
Were the closed-loop system operations and ass	· -	on or in areas that will no	of be used for future service and opeartions?	
Yes (If yes, please demonstrate compliane	_	_No		
Required for impacted areas which will not be a Site Reclamation (Photo Documentation)	used for future service and op	perations		
Soil Backfilling and Cover Installation				
Re-vegetation Application Rates and Seedi	ng Technique		•	ļ
24				
	nstructions: Each of the follo	owing items must be atta	nched to the closure report. Please indicate, by a check mark in	n
the box, that the documents are attached. Proof of Closure Notice (surface owner)	and division)			
Proof of Deed Notice (required for on-s	,			
Plot Plan (for on-site closures and temp				
Confirmation Sampling Analytical Resu	ılts (if applicable)			
Waste Material Sampling Analytical Re	sults (if applicable)		•	
Disposal Facility Name and Permit Nur	nber			
Soil Backfilling and Cover Installation	,			
Re-vegetation Application Rates and Se				
Site Reclamation (Photo Documentation	n)	Lauratuda	NAD [] 1027 [] 1022	
On-site Closure Location: Latitude:		Longitude.	NAD	
25				
25 Operator Closure Certification:				
I hereby certify that the information and attachmen		-	and complete to the best of my knowledge and belief. I also cer	tify that
the closure complies with all applicable closure re	quirements and conditions sp		ciosure plan	
Name (Print)·		Title:		
Signature.		Date:		
a mail addraes:		Telephone:		

Form C-144 Oil Conservation Division

ConocoPhillips Company San Juan Basin

Modification for a temporary pit Drilling/Completion and Workover

Extension for three months to meet closure/cover requirements in Rule 19.15.17.13.A(6)

- As required by the Surface Owner and/or Surface Managing Agency (e.g. BLM, USFS, Tribal),
 COP can not conduct construction or similar activities during Seasonal Closures and therefore can not meet the closure requirements specified in the referenced rule. Completion of the well and Closure will be scheduled and initiated as soon as the Seasonal Closure is lifted.
- <u>(Revised Closure Date)</u> needed due to Surface Owner restriction and limitation.
- Other than the revised closure date there will be no modifications to the design, operation and maintenance, or closure plans for this location.

COP realizes this does not relieve any of the requirements of Part 17.