District I

1625 N. French Dr., Hobbs, NM 88240

1301 W. Grand Ave, Artesia, NM 88210

District III 1000 Rio Brazos Rd, Aztec, NM 87410

District IV

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

1220 S St Francis Dr, Santa Fe, NM 87505 Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Type of action: 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 hability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances OGRID#: 217817 Operator: ConocoPhillips Company Address: PO Box 4289, Farmington, NM 87499 Facility or well name: SAN JUAN 30-5 UNIT 75N API Number: 30-039-30643 OCD Permit Number: U/L or Qtr/Qtr: N(SE/SW) 30N Section: 21 Township: Range: County: Rio Arriba Center of Proposed Design: Latitude: 36.793424 °N Longitude: 107.366238 °W NAD: 1927 X 1983 Surface Owner: State Tribal Trust or Indian Allotment Federal Private X Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: X Drilling Workover Permanent Emergency Cavitation X LLDPE HDPE PVC Other Thickness 12 mil X Lined Unlined Liner type X String-Reinforced Liner Seams: X Welded X Factory 4400 bbl Volume. Dimensions L 65' **Closed-loop System:** Subsection H of 19.15.17.11 NMAC P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or Type of Operation: Above Ground Steel Tanks Haul-off Bins Other Drying Pad LLDPE HDPE Lined Unlined Liner type Thickness PVD Other Liner Seams Welded Factory Below-grade tank: Subsection I of 19 15 17 11 NMAC MOV 2009 bbl Type of fluid: Volume. OIL CONS. DIV. DIST. Tank Construction material: Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other HDPE PVC Other Liner Type mil

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, 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.						
7						
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)						
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 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)	□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	∐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. 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 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	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					
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					
Situng Criteria Comphance 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: 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					
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)					
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					
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)					

Form C-144, Oil Conservation Division Page 3 of 5

16 Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Stee	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 are required.	fluds and drill cuttings. Use attachment if more than two fa	alities			
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 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 Re-vegetation Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan -	tion I 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 demonstration of compliance in the closure plan - Ferian siting criteria may require administrative approval from the appropriate district office of for consideration of approval - Justifications and/or demonstrations of equivalency are required.	Recommendations of acceptable source material are provided below or may be considered an exception which must be submitted to the S				
Ground water is less than 50 feet below the bottom of the buried waste.		Yes No			
- NM Office of the State Engineer - (WATERS database search; USGS: Data obta	ined from nearby wells	L_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 obtain	ned 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 - (WATERS database search, USGS; Data obtain	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)	cant 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 easier - Visual inspection (certification) of the proposed site; Aerial photo, satellite image	existence at the time of initial application.	YesNo			
Within 500 horizontal feet of a private, domestic fresh water well or spring that less tha purposes, or within 1000 horizontal fee of any other fresh water well or spring, in exist - NM Office of the State Engineer - iWATERS database; Visual inspection (certific	ence at the time of the initial application.	Yes No			
Within incorporated municipal boundaries or within a defined municipal fresh water w pursuant to NMSA 1978, Section 3-27-3, as amended.		Yes No			
 Written confirmation or verification from the municipality; Written approval obta Within 500 feet of a wetland 	inied from the municipality	□Yes □No			
- US Fish and Wıldlıfe Wetland Identification map; Topographic map; Vısual ınsp	ection (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 N	fineral Division				
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mi	neral Resources; USGS, NM Geological Society;	YesNo			
Topographic map Within a 100-year floodplain FEMA map		Yes No			
18					
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each by a check mark in the box, that the documents are attached.	of the following items must bee attached to the closure	e plan. Please indicate,			
Siting Criteria Compliance Demonstrations - based upon the appropriate	e 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	_	nor de achieveu)			
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					

Form C-144 Oil Conservation Division Page 4 of 5

19					
Operator Application	n Certification: Information submitted with this application is true, ac	sourate and complete to the	heat of may brough do and hollof		
Name (Print).	Tamra Sessions	Title:	Staff Regulatory Technician		
Signature:	Translation -	Date	//-4-09		
e-mail address:	sessitd@conocophillips.com	Telephone:	505-326-9834		
e-man address.	ососта Столовор пирастоли	relephone.	303 720 703 1		
20		7 a. n			
	Permit Application (including closure plan)	Closure Plan (only)	`		
OCD Representative	Signature: State State		Approval Date: ///24/07		
Title:	Envin Spec	OCD Peri	nit Number:		
21					
	ired within 60 days of closure completion): s				
_			ure activities and submitting the closure report. The closure es. Please do not complete this section of the form until an		
	as been obtained and the closure activities have been		an real car has complete the receiver by the January		
		Closur	re Completion Date:		
. 22					
Closure Method:			·		
Waste Excavation	n and Removal On-site Closure Method	Alternative Closure	e Method Waste Removal (Closed-loop systems only)		
If different from	approved plan, please explain.				
23					
i	ing Waste Removal Closure For Closed-loop Syste	ems That Utilize Above G	round Steel Tanks or Haul-off Bins Only:		
	itify the facility or facilities for where the liquids, d	rilling fluids and drill cutt	ings were disposed. Use attachment if more than two facilities		
were utilized. Disposal Facility Nam	ne	Disposal Facility	y Permit Number		
Disposal Facility Nan		-	y Permit Number		
Were the closed-loop	system operations and associated activities performe	•			
Yes (If yes, pleas	e demonstrate complilane to the items below)	No			
l - ' ' '	d areas which will not be used for future service and	operations:			
I <u>≒</u>	(Photo Documentation) and Cover Installation				
= 1	oplication Rates and Seeding Technique				
	privation rates and securing recommend				
Closure Report At	tachment Checklist: Instructions: Each of the fo	ollowing items must be att	ached to the closure report. Please indicate, by a check mark in		
the box, that the docu		v	•		
	e Notice (surface owner and division)				
	Notice (required for on-site closure)				
15	n-site closures and temporary pits)				
l ≒	ampling Analytical Results (if applicable)				
	Sampling Analytical Results (if applicable)				
<u> </u>	y Name and Permit Number and Cover Installation				
! ≒ °	Application Rates and Seeding Technique				
l <u>=</u>	on (Photo Documentation)				
On-site Closure		Longitude.	NAD 1927 1983		
L					
25					
Operator Closure Certification:					
	nformation and attachments submitted with this closs a all applicable closure requirements and conditions		e and complete to the best of my knowledge and belief. I also certify that closure plan		
Name (Print)		Title:	·		
Signature Signature		Date.			
e-mail address:		Telephone:	A Programme and Address of Market States and		

Form C-144

ConocoPhillips Company San Juan Basin

Modification for a temporary pit Drilling/Completion and Workover

Pit Closure Extension

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

- COP did not meet the closure requirements specified in the referenced rule due to a deficiency in the system. Due to sampling results coming back high, a modification to Dig & Haul was approved on 10/06/09. Closure will be scheduled and initiated as soon as the sampling results, after the Dig & Haul, pass the testing standards.
- <u>(Revised Closure Date of 02/01/10)</u> is requested to complete closure activities.
- Other than the revised closure date there will be no modifications to the design, operation and maintenance, or closure plans for this location.
- COP is waiting on sampling results from Envirotech.

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