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

1220 S St Francis Dr , Santa Fe, NM 87505

Type of

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

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

alternative method
d alternative method
itted pit, closed-loop system,

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 environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances

Operator. ConocoPhillips Company	OGRID#: 217817
Address: PO Box 4289, Farmington, NM 87499	
Facility or well name: Heaton Com LS 8 100	
API Number: 30-045-34719 OC	D Permit Number
U/L or Qtr/Qtr: J(NW/SE) Section: 30 Township: 31N	Range. 11W County: San Juan
	ongitude: 108.028191 °W NAD: 1927 X 1983
Surface Owner: X Federal State Private Triba	Trust or Indian Allotment
String-Reinforced	LLDPE HDPE PVC Other /olumebbl Dimensions Lx Wx D
notice of intent) X Drying Pad X Above Ground Steel Tanks Haul-off Bins	Other X LLDPE HDPE PVD Other RECEIVED
Below-grade tank: Subsection I of 19 15 17 11 NMAC Volume bbl Type of fluid Tank Construction material Secondary containment with leak detection Visible sidewalls, liner, 6 Visible sidewalls and liner Visible sidewalls only Other Liner Type Thickness mil HDPE PVC	-inch lift and automatic overflow shut-off
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	ution or churc	h)		
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		İ		
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 consi-	deration of app	oroval		
Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval		1		
Siting Critoria (regarding parmitting), 10.15.17.10 NMAC		;		
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.				
County water is less than 50 fact below the bottom of the termonous mit norman and nit on below grade toul.	□Yes			
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	☐ res			
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa	Yes	□No		
lake (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	Yes	□No		
application.	_			
(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)	□NA			
- 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.	i i			
	Yes			
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		No		
- Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland	∏Yes	□No		
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map, Visual inspection (certification) of the proposed site	L ''c'			
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.	Yes	□No		
- 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	L 168	Щ ¹¹⁰		

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Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist: 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 19.15.17.12 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
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
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. Hudrogoologue Penert besed went to requirement of Personant U. of Subsection B of 19 15 17 9 NMAC
Hydrogeologic Report - based upon the requirements of Paragraph (1) 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 Assessmen 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 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
Waste Excavation and Remoyal 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 G of 19 15 17 13 NMAC

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Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Ste Instructions: Please identify the facility or facilities for the disposal of liquids, drilling	<u>el Tanks or Haul-off Bins Only</u> :(19 15 17 13 D NMAC) fluids and drill cuttings—Use attachment if more than two fac	ilities		
are required ,				
Disposal Facility Name	Disposal Facility Permit #.			
Disposal Facility Name.	•			
Will any of the proposed closed-loop system operations and associated activitie Yes (If yes, please provide the information No	es occur on or in areas that will not be used for future serv	ice and operations?		
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	ction I of 19.15 17 13 NMAC			
Site Reclamation Plan - based upon the appropriate requirements of Sub	section 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 demonstration of compliance in the closure plan R siting criteria may require administrative approval from the appropriate district office or may be consideration of approval Justifications and/or demonstrations of equivalency are required P.	ecommendations of acceptable source material are provided below. I e considered an exception which must be submitted to the Santa Fe Ei			
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 obt	rained from nearby wells	Yes No		
- MM Office of the State Engineer - 1 WATERS untabase search, 6505 Data out	anica non nearby wens			
Ground water is between 50 and 100 feet below the bottom of the buried waste		Yes No		
- NM Office of the State Engineer - (WATERS database search, USGS, Data obta	ained 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 obtain	ained 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).	icant 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 - Visual inspection (certification) of the proposed site, Aerial photo, satellite imag		Yes No		
	,	Yes No		
Within 500 horizontal feet of a private, domestic fresh water well or spring that less th purposes, or within 1000 horizontal fee of any other fresh water well or spring, in exis - NM Office of the State Engineer - iWATERS database, Visual inspection (certif	tence at the time of the initial application			
Within incorporated municipal boundaries or within a defined municipal fresh water v pursuant to NMSA 1978, Section 3-27-3, as amended		Yes No		
Written confirmation or verification from the municipality; Written approval ob Wiking 500 feet of a wintered	tained from the municipality	Yes No		
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map, Topographic map, Visual ins	pection (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	Mineral Division			
Within an unstable area.	4 ID USCO NIM Contract Country	YesNo		
 Engineering measures incorporated into the design, NM Bureau of Geology & N Topographic map 	Mineral Resources, OSOS, NIVI Geological Society,			
Within a 100-year floodplain - FEMA map	1	Yes No		
On-Site Closure Plan Checklist: (19.15,17.13 NMAC) Instructions: Each	of the following items must bee attached to the closure	plan. Please indicate, by a		
check mark in the box, that the documents are attached.	o requirements of 10 15 17 10 NMAAC	,		
Siting Criteria Compliance Demonstrations - based upon the appropriat Proof of Surface Owner Notice - based upon the appropriate requirement	•	•		
Construction/Design Plan of Burial Trench (if applicable) based upon the				
		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 Subse				
Site Reclamation Plan - based upon the appropriate requirements of Sul	bsection G of 19 15 17 13 NMAC			

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Operator Application Contification				
Operator Application Certification: I hereby certify that the information submitted with this application is true, accurate an	nd complete to the best of my know	ledge and belief		
Name (Print)	Title			
Signature				
e-mail address.	Telephone:			
	· · · · · · · · · · · · · · · · · · ·			
OCD Approval: Permit Application (including closure plan) OCD Representative Signature: Title:		pproval Date:		
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: 12/19/2008				
22 Closure Method: Waste Excavation and Removal On-site Closure Method If different from approved plan, please explain.	Alternative Closure Method	Waste Removal (Closed-loop systems only)		
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Instructions: Please identify the facility or facilities for where the liquids, drilling flutilized. Disposal Facility Name	Disposal Facility Permit Numb Disposal Facility Permit Numb in areas that will not be used for fut (Original Approved Dry	ed. Use attachment if more than two facilities were er NM-01-0011 / NM-01-0010B er NM-01-005 ure service and opeartions? ing Pad was not utilized for this location)		
Closure Report Attachment Checklist: Instructions: Each of the following the box, that the documents are attached. 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 Installatior 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				
Name (Print). Crystal Tafoya .	Title	Regulatory Technician		
Signature. Interest 1 a Joya	Date:	1/19/2010		
e-mail address <u>crystal tafoya@conocphillips_com</u>	Telephone	505-326-9837		