District 1

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

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 systems, and below-grade tooks, submit to the appropriate NIMOCD District Office.

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-Grad	
Proposed Alternative Method Permit or Clos	sure Plan Application
Type of action: Permit of a pit, closed-loop system, below-grade to	
X Closure of a pit, closed-loop system, below-grade	tank, or proposed alternative method
Modification to an existing permit	tted or non nermitted nit, alocad loop gyetem
Closure plan only submitted for an existing permit below-grade tank, or proposed alternative method	
Instructions: Please submit one application (Form C-144) per individual pit, closed-loc	op system, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations i environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable	•
1	governmental additions of truths of ordinances
Operator: ConocoPhillips Company	OGRID#: <u>217817</u>
Address: PO Box 4289, Farmington, NM 87499	
Facility or well name: AXI Apache N 10	
API Number: 30-039-21115 OCD Permit Number	
U/L or Qtr/Qtr: L(NW/SW) Section: 2 Township: 25N Range: Center of Proposed Design: Latitude: 36.425751 °N Longitude:	4W County: Rio Arriba 107.22654 °W NAD: ☐ 1927 X 1983
Surface Owner: Federal State Private X Tribal Trust or India	
notice of intent) Drying Pad X Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type Thickness mil LLDPE Liner Seams Welded Factory Other	HDPE PVC Other bbl Dimensions L x W x D activities which require prior approval of a permit or HDPE PVD Other RECEIVED
Below-grade tank: Subsection I of 19 15 17 11 NMAC Volume bbl Type of fluid	OIL CONS. DIV. DIS 7.3
Tank Construction material	182
Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and auto Visible sidewalls and liner Visible sidewalls only Other Visible sidewalls and UNDRE VIDER	omatic overflow shut-off
Liner Type Thicknessmil HDPE PVC Other	1.
5 Alternative Method:	·
Submittal of an exception request is required Exceptions must be submitted to the Santa Fe Environ	mental Bureau office for consideration of approval
Exceptions must be sublified to the bank of Environ	

· ·		
Fencing: Subsection D of 19 15 17 11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)		٠
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.	litution or chu	rch)
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)		
Signs: Subsection C of 19 15 17 11 NMAC		
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 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	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)	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.		
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	l	
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
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 Penert, based upon the requirements of Peregraph (1) of Subception P. of 10.15.17.0 NIMAC.
Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19 15 17.9 NMAC Situng 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
Erosión 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 Demond Cleaner to to 19 19 19 19
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 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 Proceedures based upon the appropriate requirements of 10.15.17.13 NIMAC
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 G of 19.15 17.13 NMAC

16	C. I. W. I. (C. D.) - (10.15.17.12.D.) D.(A.C.)	
<u>Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel</u> Instructions Please identify the facility or facilities for the disposal of liquids, drilling fle		
facilities are required		
	sposal Facility Permit #	
	sposal Facility Permit #	
Will any of the proposed closed-loop system operations and associated activities Yes (If yes, please provide the information No	occur on or in areas that will not be used for future s	service and
Required for impacted areas which will not be used for future service and operations	201	
Soil Backfill and Cover Design Specification - based upon the appropriate Re-vegetation Plan - based upon the appropriate requirements of Subsection	•	AC
Site Reclamation Plan - based upon the appropriate requirements of Subsection		
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 R	ecommendations of acceptable source material are provided i	below Requests regarding changes to
certain siting criteria may require administrative approval from the appropriate district office o office for consideration of approval—Justifications and/or demonstrations of equivalency are re		the Santa Fe Environmental Bureau
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 obtain	ed 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 obtaine	d from nearby wells	
1117 Office of the Glate Engineer - 147/112/05 database search, 0505, Data bolume	d Holli hearty wers	
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	d from nearby wells	∐N/A
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significan (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	tence at the time of initial application.	Yes No
- 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 1 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 (certificate	e at the time of the initial application	
Within incorporated municipal boundaries or within a defined municipal fresh water well a pursuant to NMSA 1978, Section 3-27-3, as amended		Yes No
- Written confirmation or verification from the municipality, Written approval obtained	d from the municipality	
Within 500 feet of a wetland	(((())) (()) () () ()	∐Yes ∐No
- US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspect	ion (certification) of the proposed site	
Within the area overlying a subsurface mine - Written confirantion or verification or map from the NM EMNRD-Mining and Mini-	eral Division	Yes No
Within an unstable area		Yes No
- Engineering measures incorporated into the design, NM Bureau of Geology & Mine	ral Resources, USGS, NM Geological Society,	
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 closu	ıre 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	n H of 19 15 17 13 NMAC	}
Re-vegetation Plan - based upon the appropriate requirements of Subsection	on I of 19 15 17 13 NMAC	
Site Reclamation Plan - based upon the appropriate requirements of Subse	ction G of 19 15 17 13 NMAC	

Form C-144

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
OCD Approval: Permit Application (including closure plan) Cosure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 7/8/201/ Title: OCD Permit Number:
21
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: 7/15/2008
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
23 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 / JFJ 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 complilane to the items below)
Required for impacted areas which will not be used for future service and operations Site Reclamation (Photo Documentation)
Soil Backfilling and Cover Installation
Re-vegetation Application Rates and Seeding Technique
Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in 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 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 John Talaya Date 7/1/11
e-mail address crystal.tafoya@conocophilips.com Telephone (505) 326-9837