## District

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

### 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	aş	ppropriate NM
INLLIC	Pit, Closed-Loop System, Below-Grade	<u> Fank, or</u>

U/L or Qtr/Qtr: A(NE/NE) Section: 17 Township: 31N Range: 7W County: San Juan  Center of Proposed Design: Latitude: 36.90449 °N Longitude: 107.588329 °W NAD: 1927 1983  Surface Owner: Federal State X Private Tribal Trust or Indian Allotment  2  X Pit: Subsection F or G of 19.15.17.11 NMAC  Temporary: Drilling Workover Permanent Emergency X Cavitation P&A (Pre-set) Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other  String-Reinforced  Liner Seams: Welded Factory Other Volume: bbl Dimensions L x W x D  3  Closed-loop System: Subsection H of 19.15.17.11 NMAC  Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)  Drying Pad Above Ground Steel Tanks Haul-off Bins Other  Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Other  Seams: Welded Factory Other  Tickness mil LLDPE HDPE PVD Other  RECEIVED	Proposed Alternative Method Permit or Closure Plan Application
Closure plan only submitted for an existing permit   Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed talk, 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 abouted that approval of this request does not relieve the operator of linking should operations: result in politation of surface water, ground water or the certification. Not does approval relieve the operator of linking should operations: result in politation of surface water, ground water or the certification. Not does approval relieve the operator of linking should operations: result in politation of surface water, ground water or the certification. Not does approval relieve the operator of linking should operations: result in politation of surface water, ground water or the certification. Not surface on the surface of	Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
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-141) per intividual pit, closed-loop system, below-grade tank or alternative request   Please be advised that approval of the request does not relieve the operator of liability abould operations result in pollution of surface vater, ground water or the environment. For does approval eleves the operator of its responsibility to comply with any other applicable governmental authority' role, regulators or ordinances.   ORIDH: 217817	Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
Decided   Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request	
Please be selvased 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. Not does approval relieve the operator of its responsibility to cemply with any other applicable governmental authority's rules, regulations or ordinances.    Departor: ConecoPhillips Company	
Operator: ConecoPhillips Company OGRID#: 217817  Address: PO Box 4289, Farmington, NM 87499  "acility or well name: SAN JUAN 32-7 UNIT 17B  API Number: 30-045-35131 OCD Permit Number: Under of Proposed Design: Latitude: 36.90449 °N Longitude: 107.588329 °W NAD: 1927 1983  Surface Owner: Federal State X Private Tribal Trust or Indian Allotment  Permanent Emergency X Cavitation P&A (Pre-set) Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other    Drying Pad	Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request
Operator: ConocoPhillips Company Address: PO Box 4289, Farmington, NM 87499  **acility or well name: SAN JUAN 32-7 UNIT 17B  API Number: 30-045-35131 OCD Permit Number:  U/L or Qtr/Qtr: A(NE/NE) Section: 17 Township: 31N Range: 7W County: San Juan  Center of Proposed Design: Latitude: 36.90449 *N Longitude: 107.588329 *W NAD: 1927[X]1983  Surface Owner: Federal State X Private Tribal Trust or Indian Allotment    Permanent   Ginergency   Cavitation   P&A (Pre-set)	
Address: PO Box 4289, Farmington, NM 87499  Facility or well name: SAN JUAN 32-7 UNIT 17B  API Number: 30-045-35131 OCD Permit Number:  U/L or Qnr/Qtr: A(NE/NE) Section: 17 Township: 31N Range: 7W County: San Juan  Center of Proposed Design: Latitude: 36-90449 N Longitude: 107.588329 N NAD: 1927 1983  Surface Owner: Federal State X Private Tribal Trust or Indian Allotment  2  X Pit: Subsection F or G of 19.15.17.11 NMAC  Temporary: Drilling Workover    Permanent   Emergency X   Cavitation   P&A (Pre-set)     Lined   Unlined Liner type: Thickness   mil   LLDPE   HDPE   PVC   Other     String-Reinforced     Liner Seams: Welded   Factory   Other   Volume: bbl Dimensions L x W x D     3	1
API Number: 30-045-35131 OCD Permit Number:  U/L or Qtr/Qtr: A(NE/NE) Section: 17 Township: 31N Range: 7W County: San Juan  Center of Proposed Design: Latitude: 36-90449 °N Longitude: 107.588329 °W NAD: 1927 1983  Surface Owner: Federal State Private Tribal Trust or Indian Allotment  2 Pit: Subsection F or G of 19.15.17.11 NMAC  Temporary: Drilling Workover Permanent Emergency X Cavitation P&A (Pre-set) Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other  3 Closed-loop System: Subsection H of 19.15.17.11 NMAC  Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)  Drying Pad Above Ground Steel Tanks Haul-off Bins Other  Liner Seams: Welded Factory Other  Below-grade tank: Subsection I of 19.15.17.11 NMAC  Type of Operation: bbl Type of fluid:  Tank Construction material: Secondarly containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off  Visible sidewalls and liner Visible sidewalls niner, 6-inch lift and automatic overflow shut-off  Alternative Method:	
API Number: 30-045-35131 OCD Permit Number:  U/L or Qtr/Qtr: A(NE/NE) Section: 17 Township: 31N Range: 7W County: San Juan  Center of Proposed Design: Latitude: 36.90449 °N Longitude: 107.588329 °W NAD: 1927 1983  Surface Owner: Federal State Private Tribal Trust or Indian Allotment    Pederal Workover	
Center of Proposed Design: Latitude: 36.90449 °N Longitude: 107.588329 °W NAD:   1927 X 1983  Surface Owner:   Federal   State   X Private   Tribal Trust or Indian Allotment    Petroposed Design: Latitude:   State   X Private   Tribal Trust or Indian Allotment	
Surface Owner:   Federal   State   Private   Tribal Trust or Indian Allotment      Pit: Subsection F or G of 19.15.17.11 NMAC	U/L or Qtr/Qtr: A(NE/NE) Section: 17 Township: 31N Range: 7W County: San Juan
Pit: Subsection F or G of 19.15.17.11 NMAC   Temporary:	
Pit: Subsection F or G of 19.15.17.11 NMAC   Temporary:	Surface Owner: Federal State X Private Tribal Trust or Indian Allotment
String-Reinforced Liner Seams:	Temporary: Drilling Workover  Permanent Emergency X Cavitation P&A (Pre-set)
Liner Seams: Welded Factory Other Volume: bbl Dimensions L x W x D    Closed-loop System: Subsection H of 19.15.17.11 NMAC   Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)    Drying Pad	
Closed-loop System: Subsection H of 19.15.17.11 NMAC   Type of Operation: P&A   Drilling a new well   Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)   Drying Pad   Above Ground Steel Tanks   Haul-off Bins   Other     Lined   Unlined   Liner type: Thickness   mil   LLDPE   HDPE   PVD   Other     Liner Seams:   Welded   Factory   Other     Below-grade tank: Subsection I of 19.15.17.11 NMAC   JUN 2010     Tank Construction material:   Secondary containment with leak detection   Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off   Liner Type: Thickness   mil   HDPE   PVC   Other     Alternative Method:	
Closed-loop System: Subsection H of 19.15.17.11 NMAC  Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)  Drying Pad Above Ground Steel Tanks Haul-off Bins Other  Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Other  Liner Seams: Welded Factory Other  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-inch lift and automatic overflow shut-off  Visible sidewalls and liner Visible sidewalls only Other  Liner Type: Thickness mil HDPE PVC Other	
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-inch lift and automatic overflow shut-off  Visible sidewalls and liner Visible sidewalls only Other  Liner Type: Thickness mil HDPE PVC Other   Alternative Method:	Closed-loop System: Subsection H of 19.15.17.11 NMAC  Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or
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-inch lift and automatic overflow shut-off  Visible sidewalls and liner Visible sidewalls only Other  Liner Type: Thickness mil HDPE PVC Other   Alternative Method:	Drying Pad
Volume: bbl Type of fluid:  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  Liner Type: Thickness mil HDPE PVC Other   Alternative Method:	RECEIVED
Volume: bbl Type of fluid:  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  Liner Type: Thickness mil HDPE PVC Other   Alternative Method:	Below-grade tank: Subsection I of 19.15.17.11 NMAC
Liner Type: Thicknessmil HDPE PVC Other	Volume: bbl Type of fluid: OIL CONS. DIV. DIST. 3
Liner Type: Thicknessmil HDPE PVC Other	Tank Construction material:
Liner Type: Thicknessmil HDPE PVC Other	Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
5 Alternative Method:	Visible sidewalls and line Visible sidewalls only
Alternative Method:	Liner type: Thickness Mill Lindre Lirve Louier
Canadiant of an enselment reducers radated. Purchase must be committed to an enselment of an enselment of an elbertain	
	The state of the s

6  Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent ptt, 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			
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 Approvale and Expentions			
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:			
X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consid (Cavitation pit for Pre-set)	eration of approval	1.	
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.			
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.			
	□Yes □	ا ۲۸۰	
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		_ ]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).	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 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	<b>L</b>		
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		<b>-</b>	
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 L	_]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	
<ul> <li>Written confirmation or verification from the municipality; Written approval obtained from the municipality</li> <li>Within 500 feet of a wetland.</li> </ul>	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		]No −	
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	

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  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			
Closure Fian - based upon the appropriate requirements of subsection C of 19.13.17.3 NWAC and 19.13.17.13 NWAC			
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 X 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 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			

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Waste Removal Closure For Closed-loop Systems That Utilize Above Groun Instructions. Please identify the facility or facilities for the disposal of liquids, di	ad Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)		
facilities are required.	tuing fluids and arm cultings Ose diluciment if more man two		
Disposal Facility Name: Envirotech / JFJ Landfarm % IEI	Disposal Facility Permit #: NM-01-0011 / NM-01-0	0010B	
Disposal Facility Name: Basin Disposal Facility	Disposal Facility Permit #: NM-01-005		
Will any of the proposed closed-loop system operations and associated a  Yes (If yes, please provide the information No	activities occur on or in areas that will nbe used for future	service and	
Required for impacted areas which will not be used for future service and opera	tions ·		
Soil Backfill and Cover Design Specification - based upon the ap	• •	MAC	
Re-vegetation Plan - based upon the appropriate requirements of S  Site Reclamation Plan - based upon the appropriate requirements of			
Site Reclamation Fian - based upon the appropriate requirements of	of Subsection G of 19 13 17 13 INMAC		
17 Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 ft Instructions: Each siting criteria requires a demonstration of compliance in the closure placerian siting criteria may require administrative approval from the appropriate district of office for consideration of approval Justifications and/or demonstrations of equivalency a	an. Recommendations of acceptable source material are provided below fice 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 - iWATERS database search; USGS: Da	ita obtained from nearby wells	∐N/A	
Ground water is between 50 and 100 feet below the bottom of the burie	d waste	Yes No	
- NM Office of the State Engineer - iWATERS database search; USGS, Dat	ta obtained from nearby wells	□N/A	
Ground water is more than 100 feet below the bottom of the buried was	te.	Yes No	
- NM Office of the State Engineer - iWATERS database search; USGS; Dat	ta obtained from nearby wells	□N/A	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other (measured from the ordinary high-water mark).	significant 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 chur - Visual inspection (certification) of the proposed site; Aerial photo, satellite		Yes No	
	!	Yes No	
Within 500 horizontal 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 fee of any other fresh water well or spring, in existence at the time of the initial application  - 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 municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.			
- Written confirmation or verification from the municipality; Written approv	/al obtained from the municipality		
Within 500 feet of a wetland  - US Fish and Wildlife Wetland Identification map; Topographic map; Visu	ual inspection (certification) of the proposed site	Yes No	
Within the area overlying a subsurface mine.		∏Yes ∏No	
- Written confirantion or verification or map from the NM EMNRD-Mining	g and Mineral Division	اسا اسا	
Within an unstable area.		Yes No	
- Engineering measures incorporated into the design; NM Bureau of Geolog Topographic map	y & Mineral Resources; USGS; NM Geological Society;		
Within a 100-year floodplain FEMA map		Yes No	
18			
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: by a check mark in the box, that the documents are attached.	Each of the following items must bee attached to the clo	sure plan. Please indicate,	
Siting Criteria Compliance Demonstrations - based upon the app	propriate 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			
X 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			
X Disposal Facility Name and Permit Number (for liquids, drilling		ds cannot be achieved)	
Soil Cover Design - based upon the appropriate requirements of			
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			
Site 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 accurate and complete to the best of my knowledge and belief.			
Name (Print): Marie E. Jaranullo Title: Slaff Regulatory Technician			
Signature: Date: UM Date:			
e-mail address:			
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)			
OCD Representative Signature: 52 8 8 8 Approval Date: 6/29/10			
Title:OCD Permit Number:			
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.  Closure Completion Date:			
22 Closure Method:			
Waste Excavation and Removal On-site Closure Method Alternative Closure Method 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: Disposal Facility Permit Number.			
Disposal Facility Name: Disposal Facility Permit Number			
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			
24 <u>Closure Report Attachment Checklist:</u> 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			
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):  Title:			
Signature: Date:			
e-mail address: Telephone:			

# ConocoPhillips Company Cavitation Pit for Closed-Loop Locations

#### Design:

ConocoPhillips Company will use a cavitation pit plan when the surface casing will be pre-set on closed-loop locations. The drill cuttings will be stockpiled on the surface.

#### **Operations and Maintenance:**

The cavitation pit will be operated and maintained as follows:

- 1. Only Fresh water and air will be used in the drilling of the surface casing.
- 2. The Cement used will be: Neat Cement with no additives.
- 3. All of the fluids will be removed within 48hrs after drilling.
- 4. A representative five point composite sample will be taken of the drill cuttings, after the setting of the surface casing is complete, using sampling tools and all samples will be tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the testing criteria is not met, all contents will be dug and hauled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e.

Components	Tests Method	Limit (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	2500
GRO/DRO	EPA SW-846 8015M	500
Chlorides	EPA 300.1	500

5. The NMOCD will be notified via email of the test results of the cavitation surface as follows:

Components	Tests Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	
BTEX	EPA SW-846 8021B or 8260B	50	
TPH	EPA SW-846 418.1	2500	
GRO/DRO	EPA SW-846 8015M	500	
Chlorides	EPA 300.1	500	

#### Closure Plan:

- 1. The NMOCD will be notified of the sample results and the intent to start the closure process 3-7 days prior to the drill cuttings being transported, moved, or distributed on location.
- 2. In the event the criteria are not met, all solids and liquids will be removed and disposed of at Envirotech (Permit #NM-01-0011) and/or Basin Disposal Facility (Permit #NM-01-005) and/or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B).
- 3. Testing results will be submitted with the Closure Report of the well locations Closed-Loop Permit on Form C-144.

ConocoPhillips is aware that approval of this plan does not relieve ConocoPhillips of liability should operations result in pollution of surface water, ground water, or the environment. Nor does approval relieve ConocoPhillips of its responsibility to comply with any other applicable governmental authority's rules and regulations.