1625 N. French Dr., Hobbs, NM 88240

State of New Mexico Energy Minerals and Natural Resources

Form C-144 July 21, 2008

Department Oil Conservation Division For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.

District II 1301 W. Grand Ave , Artesia, NM 88210

1220 South St. Francis Dr. Santa Fe, NM 87505

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

1000 Rio Brazos Rd, Aztec, NM 87410

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application 212 Type of action: X Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method

Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operat environment. Nor does approval relieve the operator of its responsibility to comply with any other applications.	
1 Operator: ConocoPhillips Company	OGRID#: 217817
Address: PO Box 4289, Farmington, NM 87499	
Facility or well name: Bruce R Sullivan 2	
API Number: 30-045-25997 OCD Permit N	umber.
U/L or Qtr/Qtr: J(NW/SE) Section: 23 Township: 28N Range:	10W County: San Juan
Center of Proposed Design: Latitude: 36.645145 °N Longitude:	107.861108 °W NAD: X 1927 1983
Surface Owner: Federal State Private Tribal Trust or I	ndian Allotment
String-Reinforced Liner Seams: Welded Factory Other Volume: 3 X Closed-loop System: Subsection H of 19.15.17.11 NMAC	HDPE PVC Other bbl Dimensions L x W x D ies to activities which require prior approval of a permit or
Liner Seams: Wolded Factory Other	
4 Below-grade tank: Subsection I of 19,15.17.11 NMAC	RCVD NOV 16'11
Volume:bbl 'I'ype of fluid:	oil cons. DIV.
Tank Construction material:	HEL VONTE BAY
Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and Visible sidewalls and liner Visible sidewalls only Other	d automatic overflow shut-off DIST. 5
Liner Type: Thicknessmil HDPE PVC Othe	г
Submittal of an exception request is required Exceptions must be submitted to the Santa Fe En	vironmental 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			
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)			
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			
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.			
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 - 1WATERS database search; USGS; Data obtained from nearby wells	Yes	No	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map, Visual inspection (certification) of the proposed site	Yes	□No	
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	No	
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	□NA		
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits)	Yes NA	□No	
- 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 Eugineer - 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 - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Yes	□No	
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 minc. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Ycs	□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 floodplaid - FEMA map	Yes	□ No	

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Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	
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Type. Drilling X Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank X 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) 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)	Proposed Closure: 19.15 17.13 NMAC
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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 3 of 5

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Vest (few, pieces become better information New Yest (few, pieces provide the information New Yest (few, pieces pieces) New Yest (few, pieces) N	Disposal Facility Name. Envirotech / JFJ Landfarm / IEI Disposal Facility Permit #. NM-01-0	011 / NM-01-0010B	
Yes (If yes, please provide the information No	Disposal Facility Name Basin Disposal Facility Disposal Facility Permit #: NM-01-0	05	
Site Backfill and Cover Design Specification - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be Yes (If yes, please provide the information No	used for future service and	
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- NM Office of the State Engineer - IWATERS database search; USGS; Data obtained from nearby wells Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - IWATERS database search; USGS; Data obtained from nearby wells Within 300 feet of a centimously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mank). - 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. - Visual inspection (certification) of the proposed site, Acrial photo, setellite image Within 500 horizontal feet of a private, domestic friesh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of a private, domestic friesh water well or spring, in existence at the time of the initial application - NM Office of the State Engineer: IPAVIERS database, Visual inspection (certification) of the proposed site Within 1000 horizontal feet of a private, domestic friesh water well or spring, in existence at the time of the initial application - NM Office of the State Engineer: IPAVIERS database, Visual inspection (certification) of the proposed site Within 1000 horizontal feet of any other friesh water well field envered under a manicipal ordinance adopted purmant to NNSA 1978, section 27-23, as animated. - Written confirmation or verification from the municipality; Written approval obtained from the manicipality Within 300 feet of a wetland - Written confirmation or verification from the MNEMNRD-Minung and Mineral Drossion Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NNE EMNRD-Minung and Mineral Resources; USGS; NM Geological Society; Topographic map Written a 100-year floodplain. - FEMA map - Proof of Surface Owner N			
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	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 One and the Application Configuration	
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) Dollie L. Busse Title Staff Regulatory Technician	
Signature Date 11-15-11	
e-mail address dollie.l busse@conocophillips.com Telephone. 505-324-6104	
e-mail address dome ddsst@conecopminips.com	
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)	
OCD Representative Signature: Approval Date: 1/8/20/	
Title: Complique Office 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:	
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 compliane 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	
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 Closed-loop Plans

Closed-loop Design Plan

COPC's closed loop system will not entail a drying pad, temporary pit, below grade tank or sump. It will include an above ground tank suitable for holding the cuttings and fluids for rig operations. The tank will be sufficient volume to maintain a safe free board between disposal of the liquids and solids from rig operations.

- 1. Fencing is not required for an above ground closed-loop system
- 2. It will be signed in compliance with 19.15.3.103 NMAC
- 3. A frac tank will be on location to store fresh water

Closed-loop Operating and Maintenance Plan

COPC's closed-loop tank will be operated and maintained to contain liquids and solids in order to prevent contamination of fresh water sources, in order to protect public health and the environment. To ensure the operation is maintained the following steps will be followed:

- 1. The liquids will be vacuumed out and disposed of at the Basin Disposal facility (Permit # NM-01-005) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B). Solids in the closed-loop tank will be vacuumed out and disposed of at Envirotech (Permit # NM-01-0011) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) on a periodic basis to prevent over topping.
- 2. No hazardous waste, miscellaneous solid waste or debris will be discharged into or stored in the tank. Only fluids or cutting used or generated by rig operations will be placed or stored in the tank.
- 3. The division district office will be notified within 48 hours of the discovery of compromised integrity of the closed-loop tank. Upon the discovery of the compromised tank, repairs will be enacted immediately

Closed-loop Closure Plan

The closed-loop tank will be closed in accordance with 19.15.17.13. This will be done by transporting cuttings and all remaining sludges to Envirotech (Permit # NM-01-0011) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) immediately following rig operations. All remaining liquids will be transported and disposed of in the Basin Disposal facility (Permit # NM-01-005) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B). The tanks will be removed from the location as part of the rig move. At time of well abandonment, the site will be reclaimed and re-vegetated to pre-existing conditions when possible.