<u>District II</u> 1301 W. Grand A <u>District III</u> 1000 Rio Brazos <u>District IV</u>	Dr., Hobbs, NM 88240 Ave., Artesia, NM 88210 Rd., Aztec, NM 87410 Eis 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	Form C-144 July 21, 2008 For temporary pits, closed-loop sytems, and below-grade 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.
· 0.		Pit, Closed-Loop System, Below-Grad	e Tank, or
aquis	Prop	osed Alternative Method Permit or Clos	ure Plan Application
Q '	Type of action:	Permit of a pit, closed-loop system, below-grade ta	nk, or proposed alternative method
		X Closure of a pit, closed-loop system, below-grade t	
		Modification to an existing permit	
		Closure plan only submitted for an existing permit below-grade tank, or proposed alternative method	ted or non-permitted pit, closed-loop system,
Instructio	ns: Please submit one a	pplication (Form C-144) per individual pit, closed-loo	p system, below-grade tank or alternative request
		f this request does not relieve the operator of liability should operations re	
envi	ronment. Nor does approval reli	eve the operator of its responsibility to comply with any other applicable	governmental authority's rules, regulations or ordinances.
1 Organitary C		-	OCRID#. 217917
	onocoPhillips Compan		OGRID#: <u>217817</u>
	O Box 4289, Farmingto		
-	ell name: San Juan 28		
API Number	:3	0-039-07317 OCD Permit Numbe	r:
U/L or Qtr/Q		······································	7W County: Rio Arriba
	posed Design: Latitude		107.52081 •W NAD: X ### 1983
Surface Own	er: Federal	State X Private Tribal Trust or Indian	n Allotment
Temporary: Permane Lined Liner Seams	nt Emergency () Unlined L einforced	kover Cavitation P&A iner type: Thickness mil LLDPE	RCVD MAY 23 '1: OIL CONS. DIV. DIST. 3
3 X Close Type of Ope Dryin; Lined Liner Seams	ration: XP&A [g Pad X Above Grou Unlined Line	notice of intent)	activities which require prior approval of a permit or
Volume: Tank Constr Seconda	grade tank: Subsection tuction material: ry containment with leak de sidewalls and liner	bbl Type of fluid:	matic overflow shut-off
	ative Method:	juired. Exceptions must be submitted to the Santa Fe Environ	mental Bureau office for consideration of approval.
	orm C-144	Oil Conservation Division	Page 1 of 5

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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						
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	ideration of ap	proval.				
(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.	Yes	No				
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells		_				
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	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)		·				
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image						
	∏Yes	No				
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.						
- 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	Yes	No				
adopted pursuant to NMSA 1978, Section 3-27-3, as amended						
- Written confirmation or verification from the municipality; Written approval obtained from the municipality		<u> </u>				
Within 500 feet of a wetland.	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	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	Yes					
- FEMA map		· ·				

11 <u>Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist:</u> 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
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 19.15.17.12 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
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 Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Receive and Advintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Preeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Distance 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 19.15.17.9 NMAC and 19.15.17
14 Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable baxes, Baxes 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 <u>Waste Excavation and Removal Closure Plan Checklist:</u> (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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<u>Waste Removal Closure For Closed-loop Systems That Utilize Above</u> Instructions: Please identify the facility or facilities for the disposal of li	<u>: Ground Steel Lanks or Haul-off Bins Only:</u> (19.15.17.13.D NMAC) quids, drilling fluids and drill cuttings. Use attachment if more than two	0				
facilities are required.						
Disposal Facility Name:						
Disposal Facility Name:	Disposal Facility Permit #:					
Will any of the proposed closed-loop system operations and assoc Yes (If yes, please provide the information No	ated activities occur on or in areas that will not be used for future	service and				
Required for impacted areas which will not be used for future service and	-					
Re-vegetation Plan - based upon the appropriate requireme	the appropriate requirements of Subsection H of 19.15.17.13 NM	AC				
Site Reclamation Plan - based upon the appropriate require						
17 <u>Siting Criteria (Regarding on-site closure methods only:</u> 19.15 Instructions: Each siting criteria requires a demonstration of compliance in th certain siting criteria may require administrative approval from the appropria office for consideration of approval. Justifications and/or demonstrations of e	ne cloxure plan. Recommendations of acceptable source material are provided the district office or may be considered an exception which must be submitted t					
Ground water is less than 50 feet below the bottom of the buried v		Yes No				
 NM Office of the State Engineer - iWATERS database search; US 						
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; US	GS; Data obtained from nearby wells	N/A				
Ground water is more than 100 feet below the bottom of the burie	d waste	Yes No				
- NM Office of the State Engineer - iWATERS database search; US						
Within 300 feet of a continuously flowing watercourse, or 200 feet of any (measured from the ordinary high-water mark).	y other 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, Visual inspection (certification) of the proposed site; Aerial photo; 		Yes No				
• visual inspection (certification) of the proposed site, Aeria photo,	sacine mage	Yes No				
Within 500 horizontal feet of a private, domestic fresh water well or sprin purposes, or within 1000 horizontal fee of any other fresh water well or s - NM Office of the State Engineer - iWATERS database; Visual insp	pring, in existence at the time of the initial application.					
Within incorporated municipal boundaries or within a defined municipal 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 ma	p: Visual inspection (certification) of the proposed site	Yes No				
Within the area overlying a subsurface mine.	F,	Yes No				
- Written confirantion 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 Within a 100-year floodplain.		Yes No				
- FEMA map		1				
¹⁸ <u>On-Site Closure Plan Checklist:</u> (19.15.17.13 NMAC) Instruct by a check mark in the box, that the documents are attached.	ctions: Each of the following items must bee attached to the clo.	sure plan. Please indicate,				
Siting Criteria Compliance Demonstrations - based upon t	he 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 H of 19.15.17.13 NMAC						
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC						

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):					
e-mail address: Telephone:					
# OCD Approval: Permit Application (including closfire plan) Closure-Plan-(only) OCD Conditions (see attachment) OCD Representative Signature: OVAL Approval Date: 5/28/201 Title: OWAL OCD Permit Number:	3				
21 <u>Closure Report (required within 60 days of closure completion):</u> 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: <u>4/25/2013</u>	ę 				
22 Closure Method: Waste Excavation and Removal On-site Closure Method Alternative Closure Method If different from approved plan, please explain.)				
# 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 facilitwere 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? No Yes (If yes, please demonstrate compliane to the items below) X No 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	ities				
24 Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check must 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) 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	nrk in				
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): Dollie L. Busse_ Title: Staff Regulatory Technician					
Signature: Dolle L. Busse The Star Regulatory recimician					
e-mail address: dollie.l.busse@conocophillips.com Telephone: (505) 324-6104					
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