00 Rio Brzzos Rd., Aztec, NM 8710 Santa Fe, NM 87505 For perment pite and exceptions submit to the Santa Fe Environmental Bareau office and provide a copy to the appropriate NMCCD District Office. 20 S. St. Francis De., Santa Fe, NM 87505 Pit. Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application M Image: Derive of a pit, closed-loop system, below-grade tank, or proposed alternative method [] Modification to an existing permit [] 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 permit [] Closure plan only submitted for an existing permit [] Closure plan only submitted for an existing permit [] Please be advised that approval of this request does not relieve the operator of itability 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 automity in the, regulations or ordinance. Iperator: ConcoPhillips Company OGRID#: 217817 ddress: PO Box 4289, Farmington, NM 87499 OCD Permit Number: acility or well name: San Jan 30-5 Unit #51N ND [] VPI wellsection F or G of 19.15.17.11 NMAC Relay Private [] Tribal Trust or Indian Allotment Y Eng Subsection F or G of 19.15.17.11 NMAC <t< th=""><th><u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210 District III</th><th>State of New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr.</th><th>Form C-144 July 21, 2008 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.</th></t<>	<u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210 District III	State of New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr.	Form C-144 July 21, 2008 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.
Pit. Closed-Loop System. Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method [] Closure plan only submitted for un existing permit [] Closure plan only submitted for un existing permitted pit, closed-loop system, below-grade tank, or proposed alternative method [] Closure plan only submitted for un existing permitted pit, closed-loop system, below-grade tank, or proposed alternative method [] Closure plan only submitted for un existing permitted protocod alternative request Reave submit and expected ratio request Sent Method plan, Closed-loop system, below-grade tank, or other enterior submit and sent for request Sent Method in the Sent permitted bit with system, below-grade tank, or other enterior Sent data system of the request Sent Method Bit (closed-loop system, below-grade tank, or other enterior Sent data system of the request Sent Method Bit (closed-loop system, below-grade tank, or other enterior Sent data system of a comparison of the repeated sent data sent on the sent appendia bit we comply with any other sequents and sent sent permitted bit we sent the sent method sent sent permitted bit in the Sint Method Bit in Complex SW. County: Nio Arriba. acting the concer: San Jan 30-5 Unit #SIN Pl Number: <u>30-039-30920</u> OCD Permit Number: A or QPRQF: NSERWS Section: <u>21</u> Township <u>300</u> Nearge: <u>5W</u> County: Nio Arriba. antice Of Proposed Design: Latitude: <u>36.793248</u> <u>9</u> N. Longitude: <u>107.366152</u> <u>9</u> W. NAD: <u>1</u> #Mf [] 1983 witche Owner: <u>1000</u> Site <u>1000</u>	1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u>		Environmental Bureau office and provide a copy to the
Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit on a application (form C-140 per individual pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (form C-140 per individual pit, closed-loop system, below-grade tank or alternative request Please activity tangend exists (the request dest individual pit, closed-loop system, below-grade tank or alternative request Please activity tanks, requesting the request set individual pit, closed-loop system, below-grade tank or alternative request Please activity tanks, requesting the system determent and submit dete	220 5. 5t. Flatos DL, Santa PC, NM 67505	Pit, Closed-Loop System, Below-Grad	e Tank, or
Closure 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 Instructions: Please submit one application (Form C144) per individual pit, closed-loop system, below-grade tank or alternative request Please beside that goods or close top event or thirdividual pit, closed-loop system, below-grade tank or alternative request Please beside that goods or close top event or clistic yeards exponent ratio or functions requires the system and its requested receive top event or clistic yeards exponent ratio or functions or reference and the requires the system requires the operator of its responsibility to comply with any after repletable governmental advertiy's rules, regulations or endinance. Interest ConcocPhillips Company OGRID#: 217817 Odrs:: 20 Bos 4289, Farmington, NM 87499 accility or well name: Son Juano 30-5 Unit #51N PN Number: 70 Or Qui/Qtr:NSESW) Section: 21 Township30N Range: SWCounty: Rio Arriba enter of Proposed Design: Latitude: 36.7932489N Longitude: 107.3661529W NAD:### X] 1983 urface Owner:Pederal	JU Prope	osed Alternative Method Permit or Clos	ure Plan Application
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Delow-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 Pretext exhived the apport of file reguest describer testifiely abuld of period result in pollution of turface water, ground water or the environment. Ner does approval relieve the operator of an responsibility to comply with any other applicable governmental authority'n clex, regulatings or ordinances. perator: ConcoPhillips Company OGRID#: 217817 doress: PO Box 4289, Farmington, NM 87499 actility or well name: San Juan 30-5 Unit #51N PIN humber: 30-0393-00220 OCD Permit Number: Lor QUP(7): NSE/SW) Section: 21 Township Jon Yoposed Design: Luli file in the intervent of Proposed Design: Luli Y intervent intervent of Proposed Design: Luli Water intervent intervent of Proposed Design: Lor QUP(7): NSE/SW) Section: 21 Township 30n Rage:			
Instructions: Please submit one application (Form C-144) por individual pit, closed-loop system, below-grade tank or alternative request			ted or non-permitted pit, closed-loop system,
ewtowneent. Nor does approval relieve the operator of its reaponsibility to comply with any other applicable governmental autoority's rule, regulations or ordinances. perator: <u>ConcoPhillips Company</u> OGRID#: <u>217817</u> ddress: <u>PO Box 4289, Farmington, NM 87499</u> actility or well name: <u>San Juan 30-5 Unit #51N</u> WPI Number: <u>30-039-30920</u> OCD Permit Number: <i>AL</i> or Qur/Qtr: <u>NSEX5W</u> Section: <u>21</u> Township <u>300</u> Range: <u>5W</u> County: <u>Rio Arriba</u> enter of Proposed Design: Latitude: <u>36.793248</u> en Longitude: <u>107.366152</u> eW NAD:] ### <u>X</u> 1983 urface Owner: <u>Federal</u> State <u>X</u> Private Tribal Trust or Indian Allotment <u>String-Reinforced</u> Liner type: Thickness <u>nil</u> LLDPE <u>HDPE</u> <u>PVC</u> Other <u>UIL CONS. DIV.</u> DIST. 3 <u>Consections Subsection I of 19.15.17.11 NMAC</u> <u>Type of Operation: P&A</u> Other <u>Volume: whole</u> Dimensions L <u>x W x D</u> <u>Cossed-loop System:</u> Subsection I of 19.15.17.11 NMAC <u>Type of Operation: P&A</u> Ordiling a new well <u>Morkover or Drilling (Applies to activities which require prior approval of a permit or <u>Driving Pad</u> Above Ground Steel Tanks <u>Haul-off Bins</u> Other <u>Liner Seams</u>: <u>Welded</u> Factory <u>Other</u> <u>mil</u> <u>LLDPE</u> <u>PVD</u> other <u>Liner Seams</u>: <u>Welded</u> Factory <u>Other</u> <u>mil</u> <u>LLDPE</u> <u>PVD</u> Other <u>Liner Seams</u>: <u>Welded</u> Factory <u>Other</u> <u>mil</u> <u>HDPE</u> <u>PVD</u> Other <u>Liner</u> <u>Subsection I of 19.15.17.11 NMAC</u> <u>Subsection I of 19.</u></u>	Instructions: Please submit one a		p system, below-grade tank or alternative request
perator: ConceoPhillips Company OGRID#: 217817 defress: PO Box 4289, Farmington, NM 87499	Please be advised that approval o	f this request does not relieve the operator of liability should operations re	sult in pollution of surface water, ground water or the
ddress: PO Box 4289, Farmington, NM 87499 acility or well name: San Juan 30-5 Unit #51N PI Number: 30-039-30920 OCD Permit Number: OCD Permit Number: //L or Qtr? (NtE/SW) Section: 21 Township 30N Range: SW County: Rio Arriba enter of Proposed Design: Latitude: 36.793248 N Longitude: 107.366152 W NAD: ### X 1983 urface Owner: Federal State X Private Tribal Trust or Indian Allotment Xiace Owner: Defining Workover UIL CONS, DIV, Diffini 3 *14 Permanent Emergency Cavitation P&A (Pre-set) DIST. 3 Unded Liner type: Thickness mil LLDPE HDPE PVC Other DVC String-Reinforced Liner type: Thickness mil LLDPE HDPE PVC Other DVC Other	environment. Nor does approval reli	eve the operator of its responsibility to comply with any other applicable a	governmental authority's rules, regulations or ordinances.
acility or well name: San Juan 30-5 Unit #51N PI Number:	Dperator: ConocoPhillips Compan	y	OGRID#: <u>217817</u>
PI Number: 30-039-30920 OCD Permit Number: //L or Qtr/Qtr: NSU/SW) Section: 21 Township 30N Range: SW County: Rio Arriba enter of Proposed Design: Latitude: 36.793248 9N Longitude: 107.366152 9W NAD: ### [X] 1983 urface Owner: Federal State X Private Tribal Trust or Indian Allotment X Filt: Subsection F or G of 19.15.17.11 NMAC RCUD JAN 3*14 ULL CONS. DIV. Permanent Emergency Cavitation P&A (Pre-set) DIST. 3 Ulined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other String-Reinforced Liner Seams: Welded Factory Other	Address: PO Box 4289, Farmingto	n, NM 87499	
L or Qttr/Qt: NSE/SW) Section: 21 Township 30N Range: 5W County: Rio Arriba enter of Proposed Design: Latitude: 36.793248 9N Longitude: 107.366152 9W NAD: ### X 1983 urface Owner: Federal State X Private Tribal Trust or Indian Allotment X Permanent Drilling Workover 0151.3 0140 0151.3 Permanent Emergency Cavitation P&A (Pre-set) 0151.3 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 Cossed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activitics which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other	Facility or well name: San Juan 30	-5 Unit #51N	
enter of Proposed Design: Latitude: 36.793248 •N Longitude: 107.366152 •W NAD: ### X 1983 urface Owner: Federal State X Private Tribal Trust or Indian Allotment X Pitt: Subsection F or G of 19.15.17.11 NMAC RCUD JAN 3'14 Temporary: Drilling Workover UIL CONS. DIU. Permanent Emergency X Cavitation P&A (Pre-set) String-Reinforced Liner type: Thickness mil LLDPE HDPE PVC Other String-Reinforced Innet Permanent: Subsection H of 19.15.17.11 NMAC x W x D			
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Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Other Liner Seams: Welded Factory Other Other Image: Subsection I of 19.15.17.11 NMAC Volume: bbl Type of fluid: Image: Subsection material: Image: Secondary containment with leak detection Image: Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other Image: Other Image: Subsection request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	String-Reinforced Liner Seams: Welded Fa	actory Other Volume:	
Volume: bbl Type of fluid: Tank Construction material:	String-Reinforced Liner Seams: Welded Fa	ion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applies to	
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Form C-144 Oil Conservation Division Page 1 of 5	String-Reinforced Liner Seams: Welded Fa Closed-loop System: Subsect Type of Operation: P&A Drying Pad Above Grou Lined Unlined Line Liner Seams: Welded Fa Below-grade tank: Subsection Volume: b Tank Construction material: Secondary containment with leak de Visible sidewalls and liner Liner Type: Thickness	ion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applies to notice of intent) nd Steel Tanks Haul-off Bins Other r type: Thickness mil LLDPE Heactory Other I of 19.15.17.11 NMAC bl Type of fluid: tection Visible sidewalls, liner, 6-inch lift and autor	bbl Dimensions Lx Wx D
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6 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, ins Four foot height, four strands of barbed wire evenly spaced between one and four feet	titution or chui	rch)
Alternate. Please specify		
7 Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Image: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Image: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Image: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Image: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Image: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Image: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Image: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Image: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Image: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Image: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Image: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent pit		
8 Signs: Subsection C of 19,15,17,11 NMAC		
In Subsection C of 17.15.17.11 MAC In 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 <u>Administrative Approvals and Exceptions:</u> 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 cons (Cavitation pit for Pre-set)	ideration of ap	proval.
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.		
¹⁰ <u>Siting Criteria (regarding permitting)</u> : 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 (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)	□ 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. (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	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 - 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 mine. Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division — — — — — —	<u> </u>	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

Oil Conservation Division

11 Tome comp Dite Emergency Dite and Delays goods Tanks Deser	it Application Attackment Charling Coloration Distance 12 01040
	it Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC ion. Please indicate, by a check mark in the box, that the documents are attached.
Hydrogeologic Report (Below-grade Tanks) - based upon the	e requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
Hydrogeologic Data (Temporary and Emergency Pits) - based	d upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9
Siting Criteria Compliance Demonstrations - based upon the	
Design Plan - based upon the appropriate requirements of 19	
Operating and Maintenance Plan - based upon the appropriate	-
Closure Plan (Please complete Boxes 14 through 18, if applic 19.15.17.9 NMAC and 19.15.17.13 NMAC	cable) - based upon the appropriate requirements of Subsection C of
Previously Approved Design (attach copy of design) A	PI or Permit
	Subsection B of 19.15.17.9 NMAC ion. Please indicate, by a check mark in the box, that the documents are attached. based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
	closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
Design Plan - based upon the appropriate requirements of 19	
Operating and Maintenance Plan - based upon the appropriat	
Closure Plan (Please complete Boxes 14 through 18, if applic NMAC and 19.15.17.13 NMAC	cable) - based upon the appropriate requirements of Subsection C of 19.15.17.9
Previously Approved Design (attach copy of design) A	PI
Previously Approved Operating and Maintenance Plan A	.PI
Hydrogeologic Report - based upon the requirements of Para Siting Criteria Compliance Demonstrations - based upon the Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropri Dike Protection and Structural Integrity Design: based upon the Leak Detection Design - based upon the appropriate requirem Liner Specifications and Compatibility Assessment - based u Quality Control/Quality Assurance Construction and Installat Operating and Maintenance Plan - based upon the appropriate Freeboard and Overtopping Prevention Plan - based upon the Nuisance or Hazardous Odors, including H2S, Prevention Pla Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements of Su	appropriate requirements of 19.15.17.10 NMAC riate requirements of 19.15.17.11 NMAC the appropriate requirements of 19.15.17.11 NMAC nents of 19.15.17.11 NMAC upon the appropriate requirements of 19.15.17.11 NMAC tion Plan te requirements of 19.15.17.12 NMAC e appropriate requirements of 19.15.17.11 NMAC an
Instructions: Please complete the applicable boxes, Boxes 14 through 18 Type: Drilling Workover Emergency X Cavitation Alternative Proposed Closure Method: Waste Excavation and Removal	P&A Permanent Pit Below-grade Tank Closed-loop System
Waste Removal (Closed-loop systems	
	nporary pits and closed-loop systems)
	n-site Trench
Alternative Closure Method (Excepti	ions must be submitted to the Santa Fe Environmental Bureau for consideration)
Please indicate, by a check mark in the box, that the documents are attacted Protocols and Procedures - based upon the appropriate requir Confirmation Sampling Plan (if applicable) - based upon the Disposal Facility Name and Permit Number (for liquids, drill Soil Backfill and Cover Design Specifications - based upon the	rements of 19.15.17.13 NMAC appropriate requirements of Subsection F of 19.15.17.13 NMAC ling fluids and drill cuttings) he appropriate requirements of Subsection H of 19.15.17.13 NMAC
Re-vegetation Plan - based upon the appropriate requirements Site Reclamation Plan - based upon the appropriate requirement	
	· · · · · · · · · · · · · · ·
Form C-144 · Oil Conservation	Division Page 3 of 5

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16 <u>Waste Removal Closure For Closed-Joop Systems That Utilize Above Ground</u> Instructions: Please identify the facility or facilities for the disposal of liquids, dr facilities are required.	<u>I Steel Tanks or Haul-off Bins On</u> illing fluids and drill cuttings. Use	ly: (19.15.17.13.D NMAC) attachment if more than two	
Disposal Facility Name: Envirotech / JFJ Landfarm % IEI	Disposal Facility Permit #:	NM-01-0011 / NM-01-0	010B
Disposal Facility Name: Basin Disposal Facility	Disposal Facility Permit #:	NM-01-005	······································
Will any of the proposed closed-loop system operations and associated act	ivities occur on or in areas that v	will not be used for future	service and
Required for impacted areas which will not be used for future service and operated operation. Soil Backfill and Cover Design Specification - based upon the appropriate requirements of States. Re-vegetation Plan - based upon the appropriate requirements of States. Site Reclamation Plan - based upon the appropriate requirements of States.	opriate requirements of Subsect absection I of 19.15.17.13 NMA	С	AC
		<u></u>	
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 N Instructions: Each siting criteria requires a demonstration of compliance in the closure certain siting criteria may require administrative approval from the appropriate district office for consideration of approval. Justifications and/or demonstrations of equivalence	plan. Recommendations of acceptable office or may be considered an excep	tion which must be submitted to	
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	a obtained from nearby wells		N/A
Ground water is between 50 and 100 feet below the bottom of the buried y	vaste		Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data			
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 continuously flowing watercourse, or 200 feet of any other sig (measured from the ordinary high-water mark).	•	ikhole, 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	•	oplication.	Ycs No
- Visual inspection (certification) of the proposed site; Aerial photo; satellite in	nage		
Within 500 horizontal feet of a private, domestic fresh water well or spring that les purposes, or within 1000 horizontal fee of any other fresh water well or spring, in - NM Office of the State Engineer - iWATERS database; Visual inspection (c	existence at the time of the initial ap	-	
Within incorporated municipal boundaries or within a defined municipal fresh wat pursuant to NMSA 1978, Section 3-27-3, as amended.	er well field covered under a munici	pal ordinance adopted	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 map; Visual	inspection (certification) of the prop	posed site	
Within the area overlying a subsurface mine.	1 Minute Division		Yes No
 Written confirantion or verification or map from the NM EMNRD-Mining a Within an unstable area. 	nd Mineral Division		
 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
18 On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: E by a check mark in the box, that the documents are attached.	Each of the following items mus	t bee attached to the closi	ıre plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the appro-	priate requirements of 19.15.17.	10 NMAC	
Proof of Surface Owner Notice - based upon the appropriate requir	ements of Subsection F of 19.15	.17.13 NMAC	
Construction/Design Plan of Burial Trench (if applicable) based up	on the appropriate requirements	of 19.15.17.11 NMAC	
Construction/Design Plan of Temporary Pit (for in place burial of a		propriate requirements of	19.15.17.11 NMAC
X Protocols and Procedures - based upon the appropriate requirement			
Confirmation Sampling Plan (if applicable) - based upon the approp			
X Waste Material Sampling Plan - based upon the appropriate require			
- X Disposal Facility Name and Permit Number (for liquids, drilling flu	-		annot be achieved)
Soil Cover Design - based upon the appropriate requirements of Su Re-vegetation Plan - based upon the appropriate requirements of Su			
Site Reclamation Plan - based upon the appropriate requirements of St			

Oil Conservation Division

Name (Print):	Title:
Signature	
e-mail address:	Telephone:
# DCD Approval: Permit Application (including closuroplan) DCD Representative Signature:	Closere Plen (only) OCD Conditions (see attachment)
	rior to implementing any closure activities and submitting the closure report. The closure pletion of the closure activities. Please do not complete this section of the form until an
22 Closure Method: Waste Excavation and Removal On-site Closure Methor If different from approved plan, please explain.	Def Alternative Closure Method Waste Removal (Closed-loop systems only)
#	
Closure Report Regarding Waste Removal Closure For Closed-loop Sy nstructions: Please identify the facility or facilities for where the lianids.	stems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities
vere utilized.	
Disposal Facility Name:	Disposal Facility Permit Number:
Disposal Facility Name:	Disposal Facility Permit Number:
Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate compliane to the items below)	ned on or in areas that will not be used for future service and opeartions?
Required for impacted areas which will not be used for future service an Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation	nd operations:
Re-vegetation Application Rates and Seeding Technique	
Ke-vegetation Application Kates and Seeding Technique	
4 <u>Closure Report Attachment Checklist:</u> Instructions: Each of the	e following items must be attached to the closure report. Please indicate, by a check mark in
Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached.	e following items must be attached to the closure report. Please indicate, by a check mark in
<u>Closure Report Attachment Checklist:</u> Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division)	e following items must be attached to the closure report. Please indicate, by a check mark in
Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure)	e following items must be attached to the closure report. Please indicate, by a check mark in
	e following items must be attached to the closure report. Please indicate, by a check mark in
<u>Closure Report Attachment Checklist:</u> Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure)	e following items must be attached to the closure report. Please indicate, by a check mark in
Closure Report Attachment Checklist: Instructions: Each of the 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)	e following items must be attached to the closure report. Please indicate, by a check mark in
Closure Report Attachment Checklist: Instructions: Each of the 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)	e following items must be attached to the closure report. Please indicate, by a check mark in
	e following items must be attached to the closure report. Please indicate, by a check mark in
Closure Report Attachment Checklist: Instructions: Each of the 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)	
Closure Report Attachment Checklist: Instructions: Each of the 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	e following items must be attached to the closure report. Please indicate, by a check mark inLongitude:NAD19271983
Closure Report Attachment Checklist: Instructions: Each of the 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)	
	Longitude:NAD [] 1927 [] 1983
	NAD19271983
4 Closure Report Attachment Checklist: Instructions: Each of the 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 osurë report is ture, accuratë and complete io the best of my knowlëdge and belief. 1 also certify that ns specified in the approved closure plan.
A Closure Report Attachment Checklist: Instructions: Each of the 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: S Deperator Closure Certification: hereby certify that the information and attachments submitted with this close the closure complies, with all applicable closure requirements and condition	Longitude: NAD 1927 1983 osurë report is ture, accuratë and complete io the best of my knowlëdge and belief. 1 also certify that ns specified in the approved closure plan. I also certify that Title: Staff Regulatory Technician I also certify that
	Longitude: NAD 1927 1983 osurë report is ture, accuratë and complete io the best of my knowlëdge and belief. 1 also certify that ns specified in the approved closure plan.

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EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-0017
Sample ID:	C/L Preset Cuttings	Date Reported:	06-08-10
Laboratory Number:	54576	Date Sampled:	06-03-10
Chain of Custody No:	6750	Date Received:	06-03-10
Sample Matrix:	Soil	Date Extracted	06-04-10
Preservative:	Cool	Date Analyzed:	06-05-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3.3	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	3.3	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: San Juan 30-5 # 51N

Review

Analyst

5796 US Highway 64, Farmington, NM 87401

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

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Client:	QA/QC		Project #:		N/Å
Sample ID:	06-05-10 QA/Q	C	Date Reported:		06-08-10
Laboratory Number:	54576		Date Sampled:		N/A
Sample Matrix:	Methylene Chlori	de	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		06-05-10
Condition:	N/A		Analysis Request	ed:	ТРН
	. I-Cal Date:	Cal RF:	C-Cal RF	%Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	9.9960E+002	1.0000E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.9960E+002	1.0000E+003	0.04%	0 - 15%
an a					,
Blank Conc; (mg/L=mg/Kg)		Concentration		Detection Lim	<u>it</u>
Gasoline Range C5 - C10	·	ND		0.2	
Diesel Range C10 - C28		ND		0.1	
Total Petroleum Hydrocarbons		ND		0.2	
	wanter with the wanter	in saint a rains and in			755
Duplicate Conc. (mg/Kg)	Sample Sample		% Difference	and a second	
Gasoline Range C5 - C10	3.3	2.7	18.4%	0 - 30%	
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%	
Spike Conc. (mg/Kg)	Sample Sample	a set from a second and the second	Spike:Result 2	and the second state of th	(1), (
Gasoline Range C5 - C10	3.3	250	252	99.5%	75 - 125%
Diesel Range C10 - C28	ND	250	242	96.7%	75 - 125%

ND - Parameter not detected at the stated detection limit.

envirotech Analytical Laboratory

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments:

QA/QC for Samples 54576-54578, 54582-54588.

Analyst



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Parameter		Concentration (ug/Kg)		Limit (ug/Kg)	
	<u></u>		<u></u>	Det.	
Condition:	Intact		Analysis Requested:		BTEX
Preservative:	Cool		Date Extracted:	;	06-04-10
Sample Matrix:	Soil		Date Analyzed:		06-04-10
Chain of Custody:	6750		Date Received:		06-03-10
Laboratory Number:	54576		Date Sampled:		06-03-10
Sample ID:	C/L Preset Cuttings		Date Reported:		06-08-10
Client:	ConocoPhillips		Project #:		96052-0017

Benzene	2.6	0.9
Toluene	5.4	1.0
Ethylbenzene	3.3	1.0
p,m-Xylene	4.8	1,2
o-Xylene	3.7	0.9
Total BTEX	19.8	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzené	111 %
	1,4-difluorobenzene	107 %
	Bromochlorobenzene	103 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: San Juan 30-5 #51N

Analyst

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EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

4 · · · · · · · · · · · · · · · · · · ·	N/A			roject #:		N/A
Sample ID:		LK QAVQC		ate Reported:		06-08-10 N/A
Laboratory Number: Sample Matrix:	54576 Soil			ate Sampled: ate Received:		N/A
Preservative:	N/A			ate Analyzed:		06-04-10
Condition:	N/A			nalysis:		BTEX
Calibration and :	i de la companya de l	il RF 👘 👘	C-Cal RF	%Diff	Blank	Detect
Detection Limit	si(ug/L)		Accept Rang	e 0 - 15%	Conc	Limit
Benzene			2638E+006	0.2%	ND	0.1
Toluene			1654E+006	0.2%	ND	0.1
Ethylbenzene			0471E+006	0.2%	ND	0.1
p,m-Xylene			.5961E+006	0.2%	ND	0.1
o-Xylene	9.685	5E+005, 9,	7050E+005	0.2%	ND	0.1
Duplicate Conc.	(ug/Kg)	mple I	Duplicate .	%DiffA	ccept Range	Detecta Limit
Benzene		2.6	2.4	7.7%	0 - 30%	0.9
Toluene	`	5.4	4,2	22.2%	0 - 30%	1.0
Ethylbenzene		3.3	2.4	27.3%	0 - 30%	1.0
p,m-Xylene		4.8	3.6	25.0%	0 - 30%	1.2
o-Xylene		3.7	2.9	21.6%	0 - 30%	0.9
Spike/Conc. (ug/	Kg)Sa	imple: An	nount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	Kg) Sa	2.6	50.0	48.6	92.4%	39 - 150
	Kg)		50.0 50.0	48.6 50.5	92.4% 91.2%	39 - 150 46 - 148
Benzene	Kg)Sa	2.6	50.0	48.6	92.4%	39 - 150
Benzene Toluene	Kg) Sa	2.6 5.4	50.0 50.0	48.6 50.5	92.4% 91.2%	39 - 150 46 - 148
Benzene Toluene Ethylbenzene	Kg)	2.6 5.4 3.3	50.0 50.0 50.0	48.6 50.5 50.2	92.4% 91.2% 94.1%	39 - 150 46 - 148 32 - 160
Benzene Toluene Ethylbenzene p.m-Xylene o-Xylene	Kg) Sa	2.6 5.4 3.3 4.8 3.7	50.0 50.0 50.0 100	48.6 50.5 50.2 100	92.4% 91.2% 94.1% 95.5%	39 -₀150 46 - 148 32 - 160 46 - 148
Benzene Toluene Ethylbenzene p.m-Xylene o-Xylene	detected at the stated detection Method 5030B, Purge-and-T December 1996. Method 8021B, Aromatic and	2.6 5.4 3.3 4.8 3.7 on limit. rap, Test Methods	50.0 50.0 50.0 100 50.0 s for Evaluating S	48.6 50.5 50.2 100 50.6	92.4% 91.2% 94.1% 95.5% 94.2%	39 -₀150 46 - 148 32 - 160 46 - 148
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene ND - Parameter not References:	detected at the stated detection Method 5030B, Purge-and-T December 1996. Method 8021B, Aromatic and Photoionization and/or Electr	2.6 5.4 3.3 4.8 3.7 on limit. rap, Test Methods I Halogenated Vol olytic Conductivity	50.0 50.0 50.0 100 50.0 s for Evaluating S latiles by Gas Chr y Detectors, SW-6	48.6 50.5 50.2 100 50.6 Did Waste, SW-846, omatography Using 46, USEPA Decemb	92.4% 91.2% 94.1% 95.5% 94.2%	39 -₀150 46 - 148 32 - 160 46 - 148
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene ND - Parameter not	detected at the stated detection Method 5030B, Purge-and-T December 1996. Method 8021B, Aromatic and	2.6 5.4 3.3 4.8 3.7 on limit. rap, Test Methods I Halogenated Vol olytic Conductivity	50.0 50.0 50.0 100 50.0 s for Evaluating S latiles by Gas Chr y Detectors, SW-6	48.6 50.5 50.2 100 50.6 Did Waste, SW-846, omatography Using 46, USEPA Decemb	92.4% 91.2% 94.1% 95.5% 94.2%	39 -₀150 46 - 148 32 - 160 46 - 148
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene ND - Parameter not References:	detected at the stated detection Method 5030B, Purge-and-T December 1996. Method 8021B, Aromatic and Photoionization and/or Electr	2.6 5.4 3.3 4.8 3.7 on limit. rap, Test Methods I Halogenated Vol olytic Conductivity	50.0 50.0 50.0 100 50.0 s for Evaluating St latiles by Gas Chr y Detectors, SW-6 1582-54585,	48.6 50.5 50.2 100 50.6 Did Waste, SW-846, omatography Using 46, USEPA Decemb	92.4% 91.2% 94.1% 95.5% 94.2%	39 -₀150 46 - 148 32 - 160 46 - 148



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Laboratory Number:54576Chain of Custody No:6750	ConocoPhillips	Project #:	96052-0017
Sample ID:	C/L Preset Cuttings	Date Reported:	06-08-10
Laboratory Number:	54576	Date Sampled:	06-03-10
Chain of Custody No:	6750	Date Received:	06-03-10
Sample Matrix:	Soil	Date Extracted:	06-04-10
Preservative:	Cool	Date Analyzed:	06-04-10
Condition:	Intact	Analysis Needed:	TPH-418.1

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons	28.3	13.5
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ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: San Juan 30-5 #51N

Analyst

Review



envirotech Analytical Laboratory

EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client: Sample ID: Laboratory Number: Sample Matrix: Preservative:	le ID: QA/QC atory Number: 06-04-TPH QA/QC 5 le Matrix: Freon-113 rvative: N/A tion: N/A rration I-Cal Date C-Cal Date 06-03-10 06-04-10 k Conc. (mg/Kg) Co	54564	Project #:N/ADate Reported:06-08-10Date Sampled:N/ADate Analyzed:06-04-10Date Extracted:06-04-10Analysis Needed:TPH							
Condition:	er his tide of the first of the state of the second states of	e (C-Cal:Dâte	51-Cal RF 33 1,690	Analysis Needed: C-Cal RE % 1,770		Accept Range +/- 10%				
Blank Conc? (mo TPH	j/Kg) ₩/₩		Concentration ND	D and a second	etection Lim 13.5	it examples				
Duplicate Conc. TPH	(mg/Kg)		√iSamples⊨ 47.2	Duplicate % 56.7	Difference? 20.1%	Accept Range +/- 30%				
Spike Conc. (mo TPH	<u>y/Kg)</u>	Sample: 47.2	Spike Added 2,000	Spike Resulta 9 1,860	8 Recovery 90.9%	Accept Range : 80 - 120%				

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: QA/QC for Samples 54564, 54522, 54523, 54576, 54586, 54587, 54578.

Analyst



Chloride

Client:	ConocoPhillips	Project #:	96052-0017			
Sample ID:	C/L Preset Cuttings	Date Reported:	06-08-10			
Lab ID#:	54576	Date Sampled:	06-03-10			
Sample Matrix: Soil		Date Received:	06-03-10			
Preservative:	Cool	Date Analyzed:	06-07-10 🧭			
Condition:	Intact	Chain of Custody:	6750			

Parameter

Total Chloride

60

Concentration (mg/Kg)

Reference:

U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983. Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

San Juan 30-5 #51N

Analyst

CHAIN OF CUSTODY REC	ORD
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Client Address: RE 30 STREET	au la ta	24	Sampler Name:				<u> </u>		10	12	6											T
30 STREET /	Der	77	David	Co o	e al				TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	s S	ļ									
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505 - 326 -	OFOF	,	Client No.: Charge #	10	100 5	$\frac{1}{2}$,		leth	Met	Neth	N S S	Cation / Anion		kith	6	TPH (418.1)	CHLORIDE		ſ	e Cool	Samile Intact
Sample No./	Sample	Sample	CHARGE	l s	ample	No./Volume	Prese	ervative	N A	X	No 1	A R	io	_	<u>م</u>		(7 T	Ö		ł	du	
Identification	Date	Time	Lab No.	J	Matrix	of Containers			4 H	BTB	ğ	1 2 2	Cat	RCI	TCLP	PAH	Ē	동			Sample	l S.
C/h RESET CUTTING	6/3/10	17:00	54576	Soil Solid	Sludge Aqueous	1/402 JAR			X	X							X	X			X	X
<i>م</i>	-			Soil Solid	Sludge Aqueous																	
Rush OR	lèr			Soil Solid	Sludge Aqueous																	
				Soil Solid	Sludge Aqueous																	
ADII OR	9-17A	0		Soil Solid	Sludge Aqueous																	
Mike NEUS	chas	512		Soil Solid	Sludge Aqueous																	
099108=.324	-5109	= 081	21.5-1242	Soil Solid	Sludge Aqueous																	
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