	State of New Mexico	Form C-144
	Natural Resource	CCS July 21, 2008 For temporary nits closed-loop sytems and below-grade
- REGISTI	ERED -ion Division	tanks, submit to the appropriate NMOCD District Office.
N NO BIAZOS NU., MZIEU, MMI 87410 <u>strict IV</u>	Santa Fe, NM 87505	For permanent pits and exceptions submit to the Santa Fé Environmental Bureau office and provide a copy to the appropriate NMOCD District Office
0 S. St. Francis Dr., Santa Fe, NM 87505	D' CI II C DI	
D	Pit, Closed-Loop System, Below-G	rade lank, or
Propos	sed Alternative Method Permit or Clo	osure Plan Application
Type of action:	X Permit of a pit, closed-loop system, below-gra	ade tank, or proposed alternative method
	Closure of a pit, closed-loop system, below-g	rade tank, or proposed alternative method
	Modification to an existing permit	
	Closure plan only submitted for an existing p below-grade tank, or proposed alternative me	ermitted or non-permitted pit, closed-loop system, thod
Instructions: Please submit one a	application (Form C-144) per individual pit, close	d-loop system, below-grade tank or alternative request
Please be advised that approval of	of this request does not relieve the operator of liability should operat	tions result in pollution of surface water, ground water or the
environment. Nor does approval rel	lieve the operator of its responsibility to comply with any other appl	icable governmental authority's rules, regulations or ordinances.
perator: ConocoPhilling Company	IV.	OGRID# 217817
dress: PO Roy 4790 Farmingt	on NM 87499	
ality or well name: I DIDDITH	D INTT 72	
enny or wen name: LINDRITH	D UNII /3	
PI Number:	3003924089 OCD Permit No	umber:
L or Qtr/Qtr: A Section	on: <u>6</u> Township: <u>24N</u> Range:	2W County: Rio Arriba
nter of Proposed Design: Latitud	le: <u>36.34439°N</u> Longitude:	107.08435°WNAD: X 19271983
rface Owner: Federal	State X Private Tribal Trust or In	ndian Allotment
Pit: Subsection F or G of 19.15.1	7.11 NMAC	
Temporary: Drilling Wor	rkover	
Permanent Emergency	Cavitation P&A	
Permanent Emergency C Lined Unlined Li	Cavitation P&A iner type: Thickness mil LLDPE	HDPE PVC Other
Permanent Emergency () Lined Unlined La String-Reinforced	Cavitation P&A iner type: Thickness mil LLDPE	HDPE PVC Other
Permanent Emergency (Lined Unlined L String-Reinforced	Cavitation P&A iner type: Thickness mil LLDPE	HDPE PVC Other
Permanent Emergency (Lined Unlined Li String-Reinforced Liner Seams: Welded Fa	Cavitation P&A iner type: Thickness mil LLDPE factory Other Volume:	HDPE PVC Other bbl Dimensions L x W x D
Permanent Emergency (Lined Unlined Li String-Reinforced Liner Seams: Welded Fa	Cavitation P&A iner type: Thickness mil LLDPE factory Other Volume:	HDPE PVC Other bbl Dimensions L x W x D
Permanent Emergency (Lined Unlined Li String-Reinforced Liner Seams: Welded Fi Closed-loop System: Subsect	Cavitation P&A iner type: Thickness mil LLDPE factory Other Volume: tion H of 19.15.17.11 NMAC	HDPE PVC Other bbl Dimensions L x W x D
Permanent Emergency (Lined Unlined Lined String-Reinforced Liner Seams: Welded Filler	Cavitation P&A iner type: Thickness mil LLDPE factory Other Volume: tion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Appli notice of intent)	HDPE PVC Other
Permanent Emergency (Lined Unlined Li String-Reinforced Liner Seams: Welded Fi <u>Closed-loop System:</u> Subsect Type of Operation: P&A	Cavitation P&A iner type: Thickness mil LLDPE factory Other Volume: tion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applinotice of intent) und Steel Tanks Haul-off Bins Other	HDPE PVC Other bbl Dimensions L x W x D ies to activities which require prior approval of a permit or
Permanent Emergency (Lined Unlined L. String-Reinforced	Cavitation P&A iner type: Thickness mil LLDPE factory Other Volume: tion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Appli- notice of intent) und Steel Tanks Haul-off Bins Other er type: Thickness mil ULDPE	HDPE PVC Other bbl Dimensions Lx Wx D ies to activities which require prior approval of a permit or
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Permanent Emergency (Lined Unlined L String-Reinforced	Cavitation P&A iner type: Thickness mil LLDPE factory Other Volume: tion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applinotice of intent) und Steel Tanks Haul-off Bins Other er type: Thickness mil LLDPE Factory Other	HDPE PVC Other
Permanent Emergency () Lined Unlined L String-Reinforced	Cavitation P&A iner type: Thickness mil LLDPE factory Other Volume: tion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applinotice of intent) und Steel Tanks Haul-off Bins Other er type: Thickness mil LLDPE Factory Other 1 of 19.15.17.11 NMAC	HDPE PVC Other
Permanent Emergency (Lined Unlined L String-Reinforced	Cavitation P&A iner type: Thickness mil LLDPE factory Other Volume: tion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applinotice of intent) und Steel Tanks Haul-off Bins Other er type: Thickness mil LLDPE factory Other Tof 19.15.17.11 NMAC bl Type of fluid: Produced Water	HDPE PVC Other
Permanent Emergency (Lined Unlined L String-Reinforced	Cavitation P&A iner type: Thickness mil LLDPE factory Other Volume: tion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applinotice of intent) und Steel Tanks Haul-off Bins Other er type: Thickness mil LLDPE factory Other tof 19.15.17.11 NMAC bbl Type of fluid: Produced Water Metal	HDPE PVC Other
Permanent Emergency (Lined Unlined L String-Reinforced Liner Seams: Welded F Closed-loop System: Subsect Type of Operation: P&A [Drying Pad Above Grou Liner Seams: Welded F Liner Seams: Welded F [Melded F [[[Drying Pad Above Grou Liner Seams: [[Liner Seams: Welded F [[X Below-grade tank: Subsection [Volume: 120 b [Tank Construction material: [[[Secondary containment with leak d [[[Cavitation P&A iner type: Thickness mil LLDPE Factory Other Volume: tion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applinotice of intent) und Steel Tanks Haul-off Bins Other er type: Thickness mil LLDPE Factory Other to f 19.15.17.11 NMAC bbl Type of fluid: Produced Water Metal letection X Visible sidewalls, liner, 6-inch lift and	HDPE PVC Other bbl Dimensions Lx Wx D ies to activities which require prior approval of a permit or HDPE PVD Other d automatic overflow shut-off
Permanent Emergency (Lined Unlined L String-Reinforced Liner Seams: Welded F Closed-leop System: Subsect Type of Operation: P&A [Drying Pad Above Grou Lined Unlined Linet Liner Seams: Welded F [X Below-grade tank: Subsection Volume: 120 b Tank Construction material:	Cavitation P&A iner type: Thickness mil LLDPE factory Other Volume: tion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applinotice of intent) und Steel Tanks Haul-off Bins Other er type: Thickness mil LLDPE factory Other Tof 19.15.17.11 NMAC bbl Type of fluid: Produced Water Metal letection X Visible sidewalls, liner, 6-inch lift and Visible sidewalls only Other	HDPE PVC Other bbl Dimensions Lx Wx D ies to activities which require prior approval of a permit or HDPE PVD Other d automatic overflow shut-off
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	institution or c	lurch)
7 Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) X Screen Netting Other Mountity inspections (If netting or screening is nor 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		
 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 co (Fencing/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. 	nsideration 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 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 □Yes	X No X No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks)	□Yes □NA	XNo
 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) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	Yes XNA	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.	Yes	XNo
 INM 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 vertification from the municipality: Written approval obtained from the municipality. 	Yes	XNo
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site Within the area overlying a subsurface mine.	Yes	X No
 Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS: NM Geological 	Yes	XNo
Society; Topographic map Within a 100-year floodplain - FEMA map	Yes	XNo

Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachme Instructions: Each of the following items must be attached to the application. Please indicate, by a c	ent Checklist: Subsection B of 19.15.17.9 NMAC heck mark in the box, that the documents are attached.
X Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraphic Pa	ph (4) of Subsection B of 19,15,17,9 NMAC
Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of	of Paragraph (2) of Subsection B of 19.15.17.9
X Siting Criteria Compliance Demonstrations - based upon the appropriate requirements	of 19.15.17.10 NMAC
X Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	
X Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.1	7.12 NMAC
X Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the ap 19.15.17.9 NMAC and 19.15.17.13 NMAC	propriate requirements of Subsection C of
Previously Approved Design (attach copy of design) API	or Dermit
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 Instructions: Each of the following items must be attached to the application. Please indicate, by a chi Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirement	9 NMAC eck mark in the box, that the documents are attached. ents 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 19.15.1	7.12 NMAC
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the app NMAC and 19 15 17 13 NMAC	propriate requirements of Subsection C of 19.15.17.9
Previously Approved Design (attach copy of design)	
Previously Approved Overating and Maintenance Dian	
Treviously Approved Operating and Maintenance Plan API	
Permianent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC	
Instructions. Each of the following nems must be analyzed to the application. Please indicate, by a c	heck mark in the box, that the documents are attached.
Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstration of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstrations - based upon the approximate participation of Siting Criteria Compliance Demonstration of Siting Criteria Compli	of 19.15.17.9 NMAC
Climatological Factors Assessment	of 19.15.17.10 NMAC
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15	17 H NMAC
Dike Protection and Structural Integrity Design: based upon the appropriate requirement	ts of 19.15.17.11 NMAC
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMA	С
Liner Specifications and Compatibility Assessment - based upon the appropriate require	ements of 19.15.17.11 NMAC
Quality Control/Quality Assurance Construction and Installation Plan	
Uperating and Maintenance Plan - based upon the appropriate requirements of 19.15.17	.12 NMAC
Nuisance or Hazardous Orlors, including H2S, Provention Plan	of 19.15.17.11 NMAC
Finergency 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 N	MAC and 19.15.17.13 NMAC
14	
Proposed Closure: 19.15.17.13 NMAC	
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed c	losure plan.
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit	t X Below-grade Tank Closed-loop System
Proposed Closure Method: X Waste Excavation and Removal (Below-Grade Tank)	
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: Ed	ach 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.	
X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NM/	AC
X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of	Subsection F of 19.15.17.13 NMAC
X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)	
X Son Backfill and Cover Design Specifications - based upon the appropriate requirements	of Subsection H of 19.15.17.13 NMAC
X Re-vegetation Plan - based upon the appropriate requirements of Subsection 1 of 19.15.17	7.13 NMAC
[X] Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.1	5.17.13 NMAC

16 <u>Waste Removal Closure For Closed-loop Systems That Utilize Above C</u> Instructions: Please identify the facility or facilities for the disposal of liqu are required.	Fround Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC ids. drilling fluids and drift cuttings. Use attachment if more than tw) o facilities
Disposal Facility Name:	Disposal Facility Permit #-	
Disposal Facility Name:	Disposal Facility Permit #	
Will any of the proposed closed-loop system operations and associate Yes (If yes, please provide the information No	ed activities occur on or in areas that will not be used for future	e service and operations?
Required for impacted areas which will not be used for future service and a Soil Backfill and Cover Design Specification - based upon the Re-vegetation Plan - based upon the appropriate requirements Site Rechamation Plan - based upon the appropriate requirements	operations: e appropriate requirements of Subsection H of 19.15.17.13 NM s of Subsection I of 19.15.17.13 NMAC ents of Subsection G of 19.15.17.13 NMAC	AC
17 <u>Siting Criteria (Regarding on-site closure methods only:</u> 19.15.1 Instructions: Each siting criteria requires a demonstration of compliance in the cle certain suing criteria may require administrative approval from the appropriate di for consideration of approval. Justifications and/or demonstrations of equivalency	7.10 NMAC osure plan. Recommendations of acceptable source material are provided by istrict office or may be considered an exception which must be submitted to to e are required. Please refer to 19.15.17.10 NMAC for guidance.	elow. Requests regarding changes to he Santu Fe Environmental Bureau office
Ground water is less than 50 feet below the bottom of the buried was - NM Office of the State Engineer - iWATERS database search: USGS	te. 5: Data obtained from nearby wells	Yes No
Ground water is between 50 and 100 feet below the bottom of the bu	ried waste	
- 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 w	uncte.	
 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 ot (measured from the ordinary high-water mark).	her significant watercourse or lakebed, sinkhole, or playa lake	
- Topographic map: Visual inspection (certification) of the proposed site	e	
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; Aerial photo; sate	llite image	
Within 500 horizontal feet of a private, domestic fresh water well or spring t purposes, or within 1000 horizontal fee of any other fresh water well or sprin - NM Office of the State Engineer - iWATERS database: Visual inspecti	hat less than five households use for domestic or stock watering ig, in existence at the time of the initial application. on (certification) of the proposed site	Yes No
Within incorporated municipal boundaries or within a defined municipal free pursuant to NMSA 1978, Section 3-27-3, as anended. Written confirmation or verification from the municipality. Written and	sh water well field covered under a municipal ordinance adopted	Yes No
Within 500 feet of a wetland	Nova chance non de muncipany	
· US Fish and Wildlife Wetland Identification map: Topographic map; V	/isual inspection (certification) of the proposed site	
Within the area overlying a subsurface mine.		Yes No
 Written confirantion or verification or map from the NM EMNRD-Mir Within up up to bla and 	ning and Mineral Division	
Engineering measures incorporated into the design; NM Bureau of Geo Topographic map	logy & Mineral Resources: USGS: NM Geological Society:	Yes No
Within a 100-year floodplain. - FEMA map		Yes No
18		
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions	s: Each of the following items must bee attached to the closur	e plan. Please indicate,
by a check mark in the box, that the documents are attached.		
Siting Criteria Compliance Demonstrations - based upon the ap	propriate requirements of 19.15.17.10 NMAC	
Construction During During Diagonal Construction Construction	jurements of Subsection F of 19.15.17.13 NMAC	
Construction/Design Plan of Burial Trench (if applicable) based	I 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	9.15.17.11 NMAC
Confirmation Sampling Plan (Samplias Line Line appropriate requirem	ients of 14.15.17.13 NMAC	
Waste Material Sampling Plan (ir applicable) - based upon the app	propriate requirements of Subsection F of 19.15.17.13 NMAC	
Disposal Facility Name and Partit Number (for light 1 and	arements of Subsection F of 19.15.17.13 NMAC	
Soil Cover Design - based upon the appropriate requirements of	titutus and drui cuttings or in case on-site closure standards can Subsection H of 19.15.17.13 NMAC	not be achieved)

Re-vegetation Plan - based upon the appropriate requirements of Subsection 1 of 19.15.17.13 NMAC

Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

Operator Application Certification	n:		
Thereby certify that the information sub-	mitted with this application is true, acc	curate and complete to the b	best of my knowledge and belief.
Name (Print):	Crystal Tafoya	Title:	Regulatory Technician
Signature: On	ystal Jafaya	Date:	12/22/2008
e-mail address:	ndovar@ ionocophillips.com	Telephone:	505-326-9837
20			
OCD Approval: Permit Applic	cation (including closure plan)	Closure Plan (only)	OCD Conditions (see attachment)
OCD Representative Signature:			Approval Date:
Title:		OCD Permi	it Number:
21 Closure Report (required within 60 Instructions: Operators are required to a report is required to be submitted to the approved closure plan has been obtained	D days of closure completion): Sub- obtain an approved closure plan prior division within 00 days of the completi I and the closure activities have been o	to implementing any closur ion of the closure activities. completed.	e activities and submitting the closure report. The closure Please do not complete this section of the form until an Completion Date:
22			
Closure Method: Waste Excavation and Removal If different from approved plan, p	On-site Closure Method	Alternative Closure M	Method Waste Removal (Closed-loop systems only)
23			
Closure Report Regarding Waste Rem Instructions: Please identify the facility	oval Closure For Closed-loop System or facilities for where the liquids dril	is That Utilize Above Grou	und Steel Tanks or Haul-off Bins Only:
vere utilized.	- Justice Jer millie the ingridual arts	ang janus unu urut cutting	ss were asposed. Use allachment if more than two faculties
Disposal Facility Name:		Disposal Facility Pe	ermit Number:
Disposal Facility Name:		Disposal Facility Pe	ermit Number:
Ves (figures, planse dumonstrate or	as and associated activities performed	on or in areas that will not 1	be used for future service and opeartions?
Demoined for imposed and the test	Supriane to the nems below)		
Site Reclamation (Photo Docume	it not be used for future service and op intation)	perations;	
Soil Backfilling and Cover Install	ation		
Re-vegetation Application Rates a	and Seeding Technique		
24 <u>Closure Report Attachment Cher</u> the bax, that the documents are attack	cklist: Instructions: Each of the follo	owing items must be attach	ed to the closure report. Please indicate, by a check mark in
Proof of Closure Notice (surfac	e owner and division)		
Proof of Deed Notice (required	for on-site closure)		
Plot Plan (for on-site closures a	ind temporary pits)		
Confirmation Sampling Analyti	ical Results (if applicable)		
Waste Material Sampling Analy	ytical Results (if applicable)		
Disposal Facility Name and Per	rmit Number		
Soil Backfilling and Cover Insta	allation		
Re-vegetation Application Rate	s and Seeding Technique		
Site Reclamation (Photo Docum	nentation)		
On-site Closure Location: La	atitude:	Longitude:	NAD 1927 1983
5			
perator Closure Certification:			
	ttachments submitted with this clasure	report is ture, accurate and	complete to the best of my knowledge and belief. Talso certify that
hereby certify that the information and a e closure complies with all applicable cl	osure requirements and conditions spe	cified in the approved closu	ire plan.
hereby certify that the information and as e closure complies with all applicable cl ame (Print):	osure requirements and conditions spe	cified in the approved closu Title:	ire plan.
hereby certify that the information and as we closure complies with all applicable cl ame (Print):	osure requirements and conditions spe	cified in the approved closu Title: Date:	ire plan.

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Township: 24N	Range: 02W	Sections:		
NAD27 X:	Y:	Zone:	Search	Radius:
County: Bas	in:		Number:	Suffix:
Owner Name: (First)	(Last)		_ ⊂ Non-Do	mestic C Domestic @ All
POD / Surface Data Repo	rt Av	g Depth to Water	Report	Water Column Report
	Clear Form	WATERS Me		

WATER COLUMN REPORT 08/20/2008

	(quarters	s are	a 1=1	NW	2:	=NE	3=SW 4=	SE)					
	(quarters	s are	e big	gge	esi	t to	smalle	st)		Depth	Depth	Water	(in
POD Number	Tws	Rng	Sec	q	đ	g	Zone	x	Y	Well	Water	Column	
RG 67667	24N	02W	07	3	1	2				245	100	145	
RG 44509	24N	02W	25	2	3					580	240	340	
SJ 03703 POD1	24N	02W	01	2	1	4				670	397	273	
SJ 02939	24N	02W	02	2	2	3				600			
SJ 02454 DCL	24N	02W	02	4	1	4				300	240	60	
SJ 02454	24N	02W	02	4	1	4				300	240	60	
SJ 02198	24N	02W	02	4	2	2				320	140	180	
SJ 03504	24N	02W	02	4	2	3				2309			
SJ 02971	24N	02W	04	4	4	4				320	200	120	
SJ 02948	24N	02W	04	4	4	4				39	22	17	
SJ 01759	24N	02W	07	1	4	2				355	100	255	
SJ 01191	24N	02W	07	2	1	1				320	190	130	
SJ 02841	24N	02W	07	3	1	2				245	100	145	
SJ 02669	24N	02W	07	4	3	3				986	776	210	
SJ 02433	24N	02W	10	3	3	2				265			
SJ 02259	24N	02W	16	2	4	4				1133	615	518	
SJ 02259 CLW2238	800 24N	02W	16	4	4	4				755	150	605	
SJ 02959	24N	02W	19	4	3	3				60			
SJ 02957	24N	02W	19	4	4	4				30			
SJ 02315 CLW2288	854 24N	02W	24	2	3					580	240	340	
SJ 02173	24N	02W	25	2	1	4				504	340	164	
SJ 02315	24N	02W	25	2	2					840	605	235	
SJ 01997	24N	02W	25	2	2	1				400	220	180	
SJ 02315 CLW1529	976 24N	02W	25	2	3					780	605	175	
SJ 02240	24N	02W	26	1	1	2				520	442	78	
SJ 02806	24N	02W	26	1	3	3				310	150	160	
SJ 01265	24N	02W	27	1	1	1				1060	1000	60	
SJ 02244	24N	02W	27	1	3	4				265	100	165	
SJ 02582	24N	02W	27	1	4	1				143	140	3	
SJ 02583	24N	02W	27	1	4	2				140	100	40	
SJ 00073	24N	02W	28	1	1	2				629	240	389	
SJ 00212	24N	02W	28	1	2	2				1300	470	830	



SJ	02354	24N	02W 28	2	1		620	271	349
SJ	00072	24N	02W 29	2	1	1	476	287	189
SJ	01421	24N	02W 30	1			380	200	180
SJ	02581	24N	02W 36	4	4	1	800	500	300

Record Count: 36

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Page	1	of	1
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Townsh	ip: 24N Range: 03	BW Sections:		
NAD27	X: Y:	Zone:	Search Radius:	
County:	Basin:		Number: Suffix:	
Owner Name: (First)	(1	_ast)	⊂ Non-Domestic ⊂ Domes	tic • Al
POD / Surface I	Data Report	Avg Depth to Water	Report Water Column Re	port

WATER COLUMN REPORT 08/20/2008

(ດູນ	arters	are	a 1=1	NW	2=	=NE	3=SW 4=SE)						
(🤁	arters	are	big	gge	est	t to	o smallest)			Depth	Depth	Water	(in
POD Number	Tws	Rng	Sec	q	đ	g	Zone	х	Y	Well	Water	Column	
RG 77020	24N	03W	12	4	2	1				270	140	130	
RG 50907 CLW343984	24N	03W	18	2	3	3				250			
RG 45190	24N	03W	21	2	3	1				360	60	300	
RG 80409	24N	03W	21	3	4	2				357	182	175	
SJ 02515 DCL	24N	03W	03	4	4	3				1000	650	350	
SJ 02515	24N	03W	03	4	4	3				1000	650	350	
SJ 02217	24N	03W	05	2	2	2				550	120	430	
SJ 02516 DCL	24N	03W	06	1	3	1			•	1000	650	350	
SJ 02516	24N	03W	06	1	3	1				1000	650	350	-
SJ 02172	24N	03W	12	2	4	4				340	140	200	
SJ 02953	24N	03W	13	3	4	1				70			
SJ 02130	24N	03W	15	2	2					273	100	173	
SJ 01859	24N	03W	21	4		·				324	200	124	
SJ 02958	24N	03W	24	4	3	2				168			
SJ 02952	24N	03W	26	1	2	2				400			
SJ 02956	24N	03W	26	1	2	2				360			
SJ 02955	24N	03W	35	4	1	1				350			
SJ 02954	24N	03W	35	4	2	4				380			

Record Count: 18

New Mexico Office of the State Engineer POD Reports and Downloads
Township: 25N Range: 03W Sections:
NAD27 X: Y: Zone: Search Radius:
County: Basin: Number: Suffix:
Owner Name: (First) (Last) C Non-Domestic C Domestic C All
POD / Sufface Data Report Avg Depth to Water Report
Water Column Report
Clear Form IWATERS Menu Help

WATER COLUMN REPORT 09/06/2008

	(quarter	s are	1=1	W	2=	=NE	3=SW 4=SE)					
	(quarter	s are	big	jge	st	t to	smallest)			Depth	Depth	Wate
POD Number	Tws	Rng	Sec	g	P	P	Zone	х	Y	Well	Water	Colun
RG 79470	25N	03W	24	4	4	4				504	125	37
RG 45161	25N	03W	33	3	4	1				640	165	47
RG 49658	25N	03W	36	1	4	4				160	18	14
SJ 02203	25N	03W	01	2	4				-	665	245	42
SJ 01305	25N	03W	80	3	1	3				750	265	48
SJ 02695	25N	03W	13	1	2	3				510	225	28
SJ 02224	25N	03W	18	1	1	4				325	56	2€
SJ 02520	25N	03W	22	2	2	3				1000	850	15
SJ 02520 DCL	25N	03W	22	2	2	3				1000	850	15
SJ 02949	25N	03W	23	4	1	4				260	75	18
SJ 02414	25N	03W	25	2	1	2				250	130	12
SJ 03228	25N	03W	25	2	2	1				550	160	35
SJ 03231	25N	03W	25	3	2	4				335	90	24
SJ 02416	25N	03W	26	1	4	4				150	110	Ž
SJ 02519	25N	03W	27	2	1	3				1215	650	56
SJ 02519 DCL	25N	03W	27	2	1	3				1215	650	56
SJ 02517 DCL	25N	03W	32	1	3	2				250	100	15
SJ 02517	25N	03W	32	1	3	2				250	100	15
SJ 02518 DCL	25N	03W	33	1	2	4				250	110	14
SJ 02415	25N	03W	35	2	4	2				50	30	2
SJ 01453	25N	03W	36	2	2					132	70	E
SJ 02076	25N	03W	36	4	4	2				295	75·	22

Record Count: 22

	New Mexico O POD Rej	office of the Sta ports and Dow	<i>te Engi</i> nloads	incer	
Township: 25N	Range: 02W	Sections:			
NAD27 X:	Y:	Zone:		Search Radius:	
County:	Basin:			Number:	Suffix:
Owner Name: (First)	(La	ast)		○ Non-Domestic	C Domestic
POD / Su	rface Data Report	Av	g Depth	to Water Report	
	Wat	er Column Repo	n		
	Clear Form	IWATERS M	enu	Help	

WATER COLUMN REPORT 09/06/2008

(g.	arter	s are	a 1=1	W	2=	NE	3=SW 4	=SE)				
(gr	arter	s are	a big	gge	est	: to	small	lest)		Depth	Depth	Wate
POD Number	Tws	Rng	Sec	P	đ	P	Zone	X	Y	Well	Water	Colum
RG 53087	25N	02W	27	2	1					380	70	31
SJ 01752	25N	02W	02	4	4	4				210	85	12
SJ 01861	25N	02W	04	1	4	2				303	100	20
SJ 01861 CLW228229	25N	02W	04	1	4	2				200	100	10,
SJ 01473	25N	02W	08	4	4	3				240		
SJ 02477	25N	02W	09	4	3	1				260	100	16
SJ 02736	25N	02W	10	4	1	1				375	60	31
SJ 01751	25N	02W	11	1.	2	3				372	90	28
SJ 03461	25N	02W	11	1	2	3	С	272432	197 1609	265	160	1(
SJ 01758	25N	02W	12	1	3					235	80	15
SJ 03212	25N	02W	13	1	4	2				430	180	25
SJ 01754	25N	02W	14	3						192	90	1(
SJ 03292	25N	02W	14	3	3	4				260		
SJ 03028	25N	02W	16	1	1	1				230	105	12
SJ 02355	25N	02W	17	2	4	3				260	80	18
SJ 02911	25N	02W	17	3	4	1				240	85	15
SJ 02091 X	25N	02W	25	4	3					345	120	22
SJ 01089	25N	02W	26	1						240	90	15
SJ 02342	25N	02W	27	2	1					380	70	31
SJ 03498	25N	02W	27	3	1	4				560	340	22
SJ 02917	25N	02W	28	1	2	3				1200		
SJ 02986	25N	02W	28	2	2	2				270	140	13
SJ 02738	25N	02W	28	3	2	2				650	265	38
SJ 00326	25N	02W	29	2	4					205	160	Ĺ
SJ 00279	25N	02W	31							210	85	12
SJ 03647	25N	02W	34					362117	1070216	667	280	3 8

Record Count: 26



ConocoPhillips

AERIAL MAP **LINDRITH B UNIT 73**



8/08

Mines, Mills and Quarries Web Map

LINDRITH B UNIT 73

Unit Letter: A, Section: 06, Town: 024N, Range: 002W



Lindrith B Unit # 73

3



LINDRITH B UNIT 73

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'LINDRITH B UNIT 73', which is located at 36.34439 degrees North latitude and 107.08435 degrees West longitude. This location is located on the Lindrith 7.5' USGS topographic quadrangle. This location is in section 6 of Township 24 North Range 2 West of the Public Land Survey System (New Mexico Principal Meridian). This location is located in Rio Arriba County, New Mexico. The nearest town is La Jara, located 18.8 miles to the southeast. The nearest large town (population greater than 10,000) is Los Alamos, located 54.7 miles to the southeast (National Atlas). The nearest highway is State Highway 95, located 2.1 miles to the east. The location is on Private land and is 1,267 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Blanco Canyon. New Mexico, Sub-basin. This location is located 2155 meters or 7068 feet above sea level and receives 13.5 inches of rain each year. The vegetation at this location is classified as Colorado Plateau Mixed Bedrock Canyon and Tableland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 87 feet. This estimation is based on the data published on the New Mexico Engineer's iWaters Database website and water depth data from ConocoPhillips' cathodic wells. Groundwater data available from the NM State Engineer's iWaters Database for wells near the proposed site are attached. The nearest stream is 297 feet to the west and is classified by the USGS as an intermittent stream. The nearest perennial stream is 4,817 feet to the northwest. The nearest water body is named Gavilan Lake and is 6,469 feet to the north. It is classified by the USGS as an intermittent lake and is 29.9 acres in size. The nearest spring is 57,174 feet to the northeast. All stream, river, water body and spring information was determined as per the USGS Hydrographic Dataset (High Resolution). downloaded 3/2008. The nearest water well is 2,410 feet to the northwest. There is no wetland data available for this area. The slope at this location is 5 degrees to the south as calculated from USGS 30M National Elevation Dataset. This information is also discerned from the aerial and topographic map included. The surface geology at this location is SAN JOSE FORMATION--Siltstone, shale, and sandstone with a Sandstone dominated formations of all ages substrate. The soil at this location is Pinitos-Menefee-Vessilla complex, 2 to 20 percent slopes' and is well drained and not hydric with moderate erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 10.2 miles to the southeast as indicated on the Mines, Mills and Quarries Map of New Mexico provided.

Regional Hydrogeological context:

The San Jose Formation of Eocene age occurs in New Mexico and Colorado, and its outcrop forms the land surface over much of the eastern half of the central basin. It overlies the Nacimiento Formation in the area generally south of the Colorado-New Mexico State line and overlies the Animas Formation in the area generally north of the State line. The San Jose Formation was deposited in various fluvial-type environments. In general, the unit consists of an interbedded sequence of sandstone, siltstone, and variegated shale. Thickness of the San Jose Formation generally increases from west to east (200 feet in the west and south to almost 2,700 feet in the center of the structural basin). Ground water is associated with alluvial and fluvial sandstone aquifers. Thus, the occurrence of ground water is mainly controlled by the distribution of sandstone in the formation. The distribution of such sandstone is the result of original depositional extent plus any post-depositional modifications, namely erosion and structural deformation. Transmissivity data for San Jose Formation are minimal. Values of 40 and 120 feet squared per day were determined from two aquifer tests (Stone et al, 1983, table 5). The reported or measured discharge from 46 water wells completed in San Jose Formation ranges from 0.15 to 61 gallons per minute and the median is 5 gallons per minute. Most of the wells provide water for livestock and domestic use. The San Jose Formation is a very suitable unit for recharge from precipitation because soils that form on the unit are sandy and highly permeable and therefore readily adsorb precipitation. However, low annual precipitation, relatively high transpiration and evaporation rates, and deep dissection of the San Jose Formation by the San Juan River and its tributaries all tend to reduce the effective recharge to the unit.

Stone et al., 1983, Hydrogeology and Water Resources of the San Juan Basin, New Mexico: Socorro, New Mexico Bureau of Mines and Mineral Resources Hydrologic Report 6, 70 p.

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ConocoPhillips Company San Juan Basin Below Grade Tank Design and Construction

In accordance with NMAC 19.15.17 the following information describes the design and construction of below grade tanks on ConocoPhillips Company (COPC) locations. This is COPC's standard procedure for all below grade tanks (BGT). A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

- 1. COPC will design and construct a properly sized and approved BGT which will contain liquids and should prevent contamination of fresh water to protect the public health and environment.
- 2. COPC signage will comply with 19.15.3.103 NMAC when COPC is the operator. If COPC is not the operator it will comply with 19.15.17.11NMAC. COPC includes Emergency Contact information on all signage.
- 3. COPC has approval to use alternative fencing that provides better protection. COPC constructs fencing around the BGT using 4 foot hog wire fencing topped with two strands of barbed wire, or with a pipe top rail. A six foot chain link fence topped with three strands of barbed wire will be use if the well location is within 1000 feet of permanent residence, school, hospital, institution or church. COPC ensures that all gates associated with the fence are closed and locked when responsible personnel are not onsite.
- 4. COPC will construct a screened, expanded metal covering, on the top of the BGT.
- 5. COPC shall ensure that a below-grade tank is constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight as shown on design drawing and specification sheet.
- 6. The COPC below-grade tank system shall have a properly constructed foundation consisting of a level base free of rocks, debris, sharp edges or irregularities to prevent punctures, cracks or indentations of the liner or tank bottom as shown on design drawing.
- 7. COPC shall operate and install the below-grade tank to prevent the collection of surface water run-on. COPC has built in shut off devices that do not allow a below-grade tank to overflow. COPC constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 8. COPC will construct and use a below-grade tank that does not have double walls. The below-grade tank's side walls will be open for visual inspection for leaks, the below-grade tank's bottom is elevated a minimum of six inches above the underlying ground surface and the below-grade tank is underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected.

- 9. COPC has equipped the below-grade tanks with the ability to detect high level in the tank and provide alarm notification and shutdown process streams into the tank. Once high level is detected RTU logic closes the inlet separator sales valve and does not permit vent valve to open. This shutdown of the sales valve and gagging of the vent valves prevents any hydrocarbon process streams from entering the pit tank once a high level is detected. Furthermore, an electronic page is sent to the COPC MSO for that well site and to the designated contract "Water-Hauling" Company indicating a high level and that action must be taken to address this alarm. The environmental drain line from COPC's compressor skid under normal operating conditions is in the open position. The environmental drain line is in place to capture any collected rain water or spilled lubricants from our compressor skids. The swab drain line is a manually operated drain and by normal operating procedures is in the closed position. The tank drain line is also a manually operated drain and during normal operations it is in the closed position.
- 10. The geomembrane liner consists of a 45-mil flexible LLDPE material manufactured by Raven Industries as J45BB. This product is a four layer reinforced laminated containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. The J45BB is reinforced with 1300 denier (minimum) tri-directional scrim reinforcement. It exceeds ASTMD3083 standard by 10%. J45BB has a warranty for 20 years from Raven Industries and is attached. It is typically used in Brine Pond, Oilfield Pit liner and other industrial applications. The manufacture specific sheet is attached and the design attached displays the proper installation of the liner.
- 11. The general specification for design and construction are attached in the COPC document.



DURA-SKRIM®

J30, J36 & J45

PROPERTIES	TEST METHOD		J3088	J	36BB	M5BB			
		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Ro	II Min. Roll	Typical Roll		
Appearance		Bla	Black/Black		k/Black	Averages	Averages		
Thickness	ASTM D 5199	27 mil	30 mil	22		Blac	k/Black		
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs	140 lbs	151 lbs	36 mil	40 mil	45 mil		
Construction		(18.14)	(20.16)	(21.74)	(24.19)	(27.21)	(30.24)		
Phy Adhesian	1	**Ex	trusion laminate	d with encapsul	ated tri-direction	onal scrim reinfo	al scrim reinforcement		
	ASTM D 413	16 lbs	20 lbs	19 lbs	24 lbs	25 lbs	31 lbs		
1* Tensile Strength	ASTM D 7003	88 lbf MD 63 lbf DD	110 lbf MD 79 lbf DD	90 lbf MD 70 lbf DD	113 lbf MD 87 lbf DD	110 lbf MD	138 lbf MD		
1" Tensile Elongation @ Break % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	550 MD	750 MD	550 MD	750 MD		
1" Tensile Elongation @ Peak % (Scrim Break)	ASTM D 7003	20 MD 20 DD	33 MD 33 DD	20 MD	30 MD	20 MD	750 DD 36 MD		
				20 DD	31DD	20 DD	36 DD		
Tongue Tear Strength	ASTM D 5884	75 lbf MD 75 lbf DD	97 lbf MD 90 lbf DD	75 lbf MD 75 lbf DD	104 lbf MD 92 lbf DD	100 lbf MD 100 lbf DD	117 lbf MD		
Grab Tensile	ASTM D 7004	180 lbf MD 180 lbf DD	218 lbf MD 210 lbf DD	180 lbf MD 180 lbf DD	222 lbf MD 223 lbf DD	220 lbf MD 220 lbf DD	257 lbf MD 258 lbf DD		
Trapezoid Tear	ASTM D 4533	120 lbf MD 120 lbf DD	146 lbf MD 141 lbf DD	130 lbf MD 130 lbf DD	189 lbf MD 172 lbf DD	160 lbf MD	193 lbf MD		
Dimensional Stability	ASTM D 1204	<1	<0.5				191 lbf DD		
uncture Resistance	ASTM D 4833	50 lbf	64 165	<1	<0.5	<1	<0.5		
Maximum Use Temperature		180° 5	1000 5	65 lbf	83 lbf	80 lbf	99 lbf		
Ainimum Use Temperature			180° F						
D = Machine Direction		-70° F							

MD = Machine Direction DD = Diagonal Directions

OURA-STRIM'S

Note: Minimum Roll Averages are set to take into account product variability in addition to testing variability between laboratories.

*Dimensional Stability Maximum Value

**DURA-SKRIM J30BB, J36BB & J45BB are a four layer reinforced laminate containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. DURA-SKRIM J30BB, J36BB & J45BB are reinforced with a 1300 denier (minimum) tri-directional scrim reinforcement.

Note: RAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.



PLANT LOCATION

Sioux Falls, South Dakota

SALES OFFICE

P.O. Box 5107 Sioux Falls, SD 57117-5107 (605) 335-0174 (605) 331-0333 FAX **800-635-3456**

RAVEN INDUSTRIES INC. EXPOSED GEOMEMBRANE LIMITED WARRANTY

Raven Industries Inc. warrants Dura-Skrim J30BB, J36BB, and J45BB to be free from manufacturing defects and to be able to withstand normal exposure to sunlight for a period of 20 years from the date of sale for normal use in approved applications in the U.S and Canada, excluding Hawaii. This warranty is effective for products sold and shipped from January 1, 2008 to December 31, 2008.

This Limited Warranty does not include damages or defects in the Raven geomembrane resulting from acts of God, casualty or catastrophe including but not limited to: earthquakes, floods, piercing hail, or tornadoes. The term "normal use" as used herein does not include, among other things improper handling during transportation, unloading, storage or installation, the exposure of Raven geomembranes to harmful chemicals, atypical atmospheric conditions, abuse of Raven geomembranes by machinery, equipment or people; improper site preparation or covering materials, excessive pressures or stresses from any source or improper consumer as defined in the Magnuson Moss Warranty or any similar federal, state, or local statues. The parties expressly agree that the sale hereunder is for commercial or industrial use only.

Should defects or premature loss of use within the scope of the above Limited Warranty occur, Raven Industries Inc. will, at its option, repair or replace the Raven geomembrane on a pro-rata basis at the then current price in such manner as to charge the Purchaser/User only for that portion of the warranted life which has elapsed since purchase of the material. Raven Industries Inc. will, at its will have the right to inspect and determine the cause of any alleged defect in the Raven geomembrane and to take appropriate steps to repair or replace the Raven geomembrane if a defect exists which is covered under this warranty. This Limited Warranty extends only to Raven's geomembrane, and does not extend to the installation service of third parties nor does it extend to materials furnished or installed by others in connection with the intended use of the Raven geomembranes.

Any claim for any alleged breach of this warranty must be made in writing, by certified mail, to the General Manager of Engineered Films Division of Raven Industries Inc. within ten (10) days of becoming aware of the alleged defect. Should the required notice not be given, the defect and all warranties are waived by the Purchaser, and Purchaser shall not have any rights under this warranty. Raven Industries Inc. shall not be obligated to perform repairs or replacements under this warranty unless and until the area to be replacement of Raven geomembrane to be free from all water, dirt, sludge, residuals and liquids of any kind. If after inspection it is associated with the site inspection.

In the event the exclusive remedy provided herein fails in its essential purpose, and in that event only, the Purchaser shall be entitled to a return of the purchase price for so much of the material as Raven Industries Inc. determines to have violated the warranty provided herein. Raven Industries Inc. shall not be liable for direct, indirect, special, consequential or incidental damages resulting from a breach of this warranty including, but not limited to, damages for loss of production, lost profits, personal injury or property damage. Raven Industries Inc. shall not be obligated to reimburse Purchaser for any repairs, replacement, modifications or alterations made by Purchaser unless Raven Industries Inc. specifically authorized, in writing, said repairs, replacements, modifications or alteration in advance of them having been made. Raven Industry's liability under this warranty shall in no event exceed the replacement cost of the material sold to the Purchaser for the particular installation in which it failed.

Raven Industries Inc. neither assumes nor authorizes any person other than the undersigned of Raven Industries Inc. to assume for it any other or additional liability in connection with the Raven geomembrane made on the basis of the Limited Warranty. The Limited Warranty on the Raven geomembrane herein is given in lieu of all other possible material warranties, either expressed or implied, and by accepting delivery of the material; Purchaser waives all other possible warranties, except those specifically given. This Limited Warranty may only be modified by written document mutually executed by Owner and Raven Industries Inc.

Limited Warranty is extended to the purchaser/owner and is non-transferable and non-assignable; i.e., there are no third-party beneficiaries to this warranty.

Purchaser acknowledges by acceptance that the Limited Warranty given herein is accepted in preference to any and other possible materials warranties.

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ConocoPhillips Company San Juan Basin Below Grade Tank Maintenance and Operating Plan

In accordance with Rule 19.15.17 the following information describes the operation and maintenance of Below Grade Tank (BGT) on ConocoPhillips Company (COPC) locations. This is COPC's standard procedure for all BGT. A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

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- 1. COPC will operate and maintain a BGT to contain liquids and solids and maintain the integrity of the liner, liner system and secondary containment system to prevent contamination of fresh water and protect public health and environment. COPC will accomplish this by performing an inspection on a monthly basis, installing cathodic protection, and automatic overflow shutoff devices as seen on the design plan.
- 2. COPC will not discharge into or store any hazardous waste in the BGT.
- 3. COPC shall operate and install the below-grade tank to prevent the collection of surface water run-on. COPC has built in shut off devices that do not allow a below-grade tank to overflow. COPC constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 4. As per 19.17.15.12 Subsection D, Paragraph 3, COPC will inspect the below-grade tank at least monthly reviewing several items which include 1) containment berms adequate and no oil present, 2) tanks had no visible leaks or sign of corrosion, 3) tank valves, flanges, and hatches had no visible leaks and 4) no evidence of significant spillage of produced liquids. In addition, COPC's multi-skilled operators (MSOs) are required to visit each well location once per week. If detected on either inspection, COPC shall remove any visible or measurable layer of oil from the fluid surface of a below-grade tank in an effort to prevent significant accumulation of oil overtime. The written record of the monthly inspections will include the items listed above and will be maintained for five years.
- 5. COPC shall require and maintain a 10" adequate freeboard to prevent overtopping of the below-grade tank.
- 6. If the below grade tank develops a leak, or if any penetration of the pit liner or below grade tank, occurs below the liquid's surface, then COPC shall remove all liquid above the damage or leak line within 48 hours. COPC shall notify the appropriate district office. COPC shall repair or replace the pit liner or below grade tank, within 48 hours of discovery. If the below grade tank or pit liner does not demonstrate integrity, COPC shall promptly remove and install a below grade tank or pit liner that complies with Subsection I of 19.15.17.11 NMAC. COPC shall notify the appropriate district office of a discovery of leaks less than 25 barrels as required pursuant to Subsection B of 19.15.3.116 NMAC shall be reported within twenty-four (24) hours of discovery of leaks greater than 25 barrels. In addition, immediate verbal notification pursuant to Subsection B, Paragraph (1), and Subparagraph (d) of 19.15.3.116 NMAC shall be reported to the division's Environmental Bureau Chief.

ConocoPhillips Company San Juan Basin Below Grade Tank Closure Plan

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure requirements of Below Grade Tanks (BGTs) on ConocoPhillips Company locations hereinafter known as COPC locations. This is COPC's standard procedure for all BGTs. A separate plan will be submitted for any BGT which does not conform to this plan.

General Requirements:

- COPC shall close a below-grade tank within the time periods provided in Subsection A of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) permitted below-grade tanks within 60 days of cessation of the below-grade tank's operation., or c) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, COPC will file the C144 Closure Report as required.
- COPC shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.
- 3. COPC will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves. Documentation of how the below-grade tank was disposed of or recycled will be provided in the closure report.
- 4. If there is any on-site equipment associated with a below-grade tank, then COPC shall remove the equipment, unless the equipment is required for some other purpose.
- 5. COPC shall test the soils beneath the below-grade tank to determine whether a release has occurred. COPC shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyze for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 100 mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 100 mg/kg; or the background concentration, whichever is greater. COPC shall notify the division of its results on form C-141.

- 6. If COPC or the division determines that a release has occurred, then COPC shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.
- 7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, then COPC shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.
- Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email or verbally. The notification of closure will include the following:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.
- 9. The surface owner shall be notified of COPC's closing of the below-grade tank prior to closure as per the approved closure plan via certified mail, return receipt requested.
- 10. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
- 11. COPC shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will used on federally jurisdicted lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. COPC will repeat seeding or planting will be continued until successful vegetative growth occurs.
- 12. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.
- 13. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on C-144 and incorporate the following:
 - Soil Backfilling and Cover Installation
 - Re-vegetation application rates and seeding techniques
 - Photo documentation of the site reclamation
 - Confirmation Sampling Results
 - Proof of closure notice