*	State of New Mexico	Form C-14 July 21, 20 For temporary pits, closed-loop sytems, and below-grade
REGISTERED	epartment rvation Division th St. Francis Dr.	tanks, submit to the appropriate NMOCD District Office.
1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.
Pit, Cl	osed-Loop System, Below-Grade	e Tank. or
	rnative Method Permit or Closur	
Type of action: X Perm	it of a pit, closed-loop system, below-grade ta	ank or proposed alternative method
	are of a pit, closed-loop system, below-grade	
	ification to an existing permit	and, or proposed alternative method
		ted or non-permitted pit, closed-loop system,
		p system, below-grade tank or alternative reques
Please be advised that approval of this request	does not relieve the operator of liability should operations re tor of its responsibility to comply with any other applicable	sult in pollution of surface water, ground water or the
1 Operator: ConocoPhillips Company	3	OGRID#: <u>217817</u>
Address: PO Box 4289, Farmington, NM 8	7499	
Facility or well name: SAN JUAN 29-5 UNIT	Г 216	-
API Number: 300392473	31 OCD Permit Number	
U/L or Qtr/Qtr: L Section: 33	Township: 29N Range: 5	W County: Rio Arriba
Center of Proposed Design: Latitude:	36.67955°N Longitude:	-107.36709°W NAD: X 1927 1983
Surface Owner: 🔲 Federal 📋 St	ate X Private Tribal Trust or Indian	Allotment
Pit: Subsection F or G of 19.15.17.11 NMAG Temporary: Drilling Workover Permanent Emergency Cavitation Lined Unlined Liner type: String-Reinforced Liner Seams: Welded Factory	P&A Thickness mil LLDPE H	HDPE PVC Other
Closed-loop System: Subsection H of 19 Type of Operation: P&A Drilling a Drying Pad Above Ground Steel Ta Lined Unlined Liner type:	a new well Workover or Drilling (Applies to a notice of intent) unks Haul-off Bins Other	activities which require prior approval of a permit or DPE PVD Other
Liner Seams: Welded Factory 4 X Below-grade tank: Subsection I of 19.15.1 Volume: 120 bbl Ty Tank Construction material: Secondary containment with leak detection	Produced Water Metal X Visible sidewalls, liner, 6-inch lift and autor ble sidewalls only Other	matic overflow shut-off
Liner Seams: Welded Factory 4 X Below-grade tank: Subsection I of 19.15.1 Volume: 120 bbl Ty Tank Construction material: Secondary containment with leak detection Visible sidewalls and liner Visil Liner Type: Thickness mil 5 Alternative Method:	Produced Water Metal X Visible sidewalls, liner, 6-inch lift and autor ble sidewalls only Other HDPE PVC X Other	

Eencing: Subsection D of 19.15.17 14 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; Four foot height, four strands of barbed wire evenly spaced between one and four feet XAlternate. Please specify <u>4' hog wire fencing topped with two strands barbed wire</u>	institution or c	hurchi
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) X Screen Netting Other Monthly inspections (If netting or screening is not physically feasible)		
8 Signs: Subsection C of 19.15.17.11 NMAC 12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers X Signed in compliance with 19.15.3.103 NMAC		
 <u>Administrative Approvals and Exceptions:</u> Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. <i>Please check a box if one or more of the following is requested, if not leave blank:</i> X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. 	onsideration of	approval.
10		
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.		
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes	XNo
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	XNo
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	XNo
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	NA	
 Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) 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
- 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	XNo
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes	XNo
Within the area overlying a subsurface mine. Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes	XNo
 Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	Yes	XNo
Within a 100-year floodplain - FEMA map	Yes	XNo

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Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
N Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19,15,17,9 NMAC
Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9
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 19,15,17,12 NMAC
X Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Previously Approved Decime (attach some of decime)
I2
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. PL ase indicate, by a check mark in the box, that the documents are attached. Geologic and Hydrogeologic Data (only for on-site closure) - bas ¹ d upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
Closure Plan (Please complete Boxes 14 through 18, if app'icable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API
Previously Approved Operating and Maintenance Plan API
13
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
U Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
Climatological Factors Assessment
Certified Engineering Design Plans - based apon the appropriate requirements of 19.15.17.11 NMAC
Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC
Leak Detection Design - based upon the uppropriate requirements of 19.15.17.11 NMAC
Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11.NMAC Quality Control/Quality Assurance Construction and Installation Plan
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
Nuisance or Hazardous Odors, including H2S, Prevention Plan
Emergency Response Plan
Oil Field Waste Stream Characterization
Monitoring and Inspection Plan
Erosion Control Plan
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
14
Proposed Closure: 19.15 7.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.
Type: Drilling Vorkover Emergency Cavitation P&A Permanent Pit 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 Expandion and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.
X Frotocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
Soil Backfull and Court During Straight Str
X Soil 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 19.15.17.13 NMAC
X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

¹⁶ <u>Waste Removal Closure For Closed-loop Systems That Util</u> bistructions: Please identify the facility or facilities for the dist	ize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17-13.D NMAC rosal of liquids, drilling fluids and drill cuttings. Use attachment if more than tw	3
are required.		
Disposal Facility Name:	Disposal Facility Permit #:	
Disposal Facility Name:	Disposal Facility Permit #:	
Yes tilf yes, please provide the information	nd associated activities occur on or in areas that will not be used for futur No	e service and operations?
Required for impacted areas which will not be used for future s	ervice and operations:	
Re-vegetation Plan - based upon the appropriate re	ed upon the appropriate requirements of Subsection H of 19.15.17.13 NN	1AC
Site Reclamation Plan - based upon the appropriate	e requirements of Subsection G of 19.15.17.13 NMAC	
17		
Siting Criteria (Regarding on-site closure methods onl	<u>y:</u> 19.15.17.10 ŇMAC	
	nce in the closure plan. Recommendations of a ceptable source material are provided b propriate district office or may be considered on exception which must be submitted to t	elow. Requests regarding changes to
for consideration of approval. Justifications and/or demonstrations of	f equivalency are required. Please cefer to 19.15.17.10 NMAC for guidance.	ne sama re unvironmental b areau office
Ground water is less than 50 feet below the bottom of the		Yes No
 NM Office of the State Engineer - iWATERS database se 		N/A
Ground water is between 50 and 100 feet below the botton		Yes No
NM Office of the State Engineer - iWATERS database set	irch; USGS; Data obtained from nearby wells	
Ground water is more than 100 feet below the bottom of th		Yes No
- NM Office of the State Engineer - iWATERS database sea	irch; USGS; Data obtained from nearby wells	N/A
(inclustred from the ordinary nigh-water mark).	eet of any other significant watercourse or lakebed, sinkhole, or playa lake	Yes No
 Topographic map; Visual inspection (certification) of the p 		
Within 300 feet from a permanent residence, school, hospital, in: • Visual inspection (certification) of the proposed site: Aerial	stitution, or church in existence at the time of initial application.	Yes No
visial inspection (certification) of the proposed site: Aerial	photo: satellite image	
Within 500 horizontal feet of a private, domestic fresh water wel purposes, or within 1000 horizontal fee of any other fresh water v - NM Office of the State Engineer - iWATERS database; Vis	l or spring that less than five households use for domestic or stock watering well or spring, in existence at the time of the initial application. ual inspection (certification) of the proposed site	Yes No
Within incorporated municipal boundaries or within a defined mu pursuant to NMSA 1978, Section 3-27-3, as amended.	unicipal fresh water well field covered under a municipal ordinance adopted	Yes No
 Written confirmation or verification from the municipality; Within 500 feet of a wetland 	Written approval obtained from the municipality	
	phic map: Visual inspection (certification) of the proposed site	Yes No
Within the area overlying a subsurface mine.		Yes No
- Written confirantion or verification or map from the NM El Within an unstable area.	MNRD-Mining and Mineral Division	
	reau of Geology & Mineral Resources; USGS; NM Geological Society;	Yes No
l'opographic map	and a second of a minimum resources, 0.503, him theological society;	
Within a 100-year floodplain. - FEMA map		Yes No
18		
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) In	nstructions: Each of the following items must bee attached to the closur	re plan. Please indicate.
by a check mark in the box, that the documents are atlach	ed.	
Proof of Surface Owner Notice - based upon the appe	pon the appropriate requirements of 19.15.17.10 NMAC ropriate requirements of Subsection F of 19.15.17.13 NMAC	
	able) based upon the appropriate requirements of 19.15.17.13 NMAC	
	ace burial of a drying pad) - based upon the appropriate requirements of 19	
Protocols and Procedures - based upon the appropriat	e requirements of 19.15.17.13 NMAC	7.13.17.11 NMAC
	pon the appropriate requirements of Subsection F of 19.15.17.13 NMAC	
	opriate requirements of Subsection F of 19.15.17.13 NMAC	
	ds, drilling fluids and drill cuttings or in case on-site closure standards can	not be achieved)
Soil Cover Design - based upon the appropriate requir		

ed upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

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

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

19	
Operator Application	
Name (Print):	nformation submitted with this application is true, accurate and complete to the best of my knowledge and belief.
	Crystal Tafoya Title: Regulatory Technician
Signature:	Comptal Tapya Date: 12/22/2008
e-mail address:	Lo. dal 1 hoya & donocopopilos.rom Telephone: 505-326-9837
20	
OCD Approval:	Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative S	Signature: Approval Date:
l'itle:	OCD Permit Number:
2) ('louine Benet (norm)	
nstructions: Operators ar	ired within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC re required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure dimited to the division within 60 days of the closure of the distribution of the closure of the closure of the c
close a colument to we at	annace to the division within ou days of the completion of the closure activities. Places do not sound to drive and the closure of the completion of the closure activities.
upproved closure plan has	s been obtained and the closure activities have been completed.
	Closure Completion Date:
22	
Closure Method:	
Wuste Excavation	and Removal On-site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only)
If different from ap	pproved plan, please explain.
3	
	19 Waste Removal Closure For Closed Ioon Sustant That Million I and Common Annual State
structions: Please identi	ng Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: ify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities
Disposal Facility Name	Disposal Facility Permit Number:
Disposal Facility Name	Disposal Facility Permit Number
Were the closed-loop sy	ystem operations and associated activities performed on or in areas that will not be used for future service and opeartions?
	demonstrate compliane to the items below)
Required for impacted a	areas which will not be used for future service and operations: Photo Documentation)
Soil Backfilling and	
	lication Rates and Seeding Technique
	rearrant Rules and Second g Termique
\$	
Closure Report Atta	chment ('hecklist' Instructions, Each of the following items in the second state of the
Closure Report Attac	chment Checklist; Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in sents are attached.
	chment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in sents are attached. Notice (surface owner and division)
Proof of Closure N	
Proof of Closure N Proof of Deed Not	Notice (surface owner and division)
Proof of Closure N Proof of Deed Not Plot Plan (for on-s	Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits)
Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam	Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) apling Analytical Results (if applicable)
Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa	Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) appling Analytical Results (if applicable) ampling Analytical Results (if applicable)
Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N	Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) appling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number
Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an	Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) appling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation
Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App	Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) appling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number
Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App	Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) appling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation plication Rates and Seeding Technique Photo Documentation) cration: Latinde:
 Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App Site Reclamation (Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation plication Rates and Seeding Technique (Photo Documentation)
Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App Site Reclamation (Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) appling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation plication Rates and Seeding Technique Photo Documentation) cration: Latinde:
 Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App Site Reclamation (On-site Closure Lo 	Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) appling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation plication Rates and Seeding Technique Photo Documentation) pocation: Latitude:Longitude:NAD [] 1927 [] 1983
Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App Site Reclamation (On-site Closure Lo	Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) appling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number ad Cover Installation plication Rates and Seeding Technique Photo Documentation) pocation: Latitude:Longitude:NAD [] 1927 [] 1983
Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App Site Reclamation (i) On-site Closure Lo	Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) npling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number nd Cover Installation plication Rates and Seeding Technique Photo Documentation) ocation: Latitude:Longitude:NAD [1927 [1983
Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App Site Reclamation (f) On-site Closure Lo	Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) apling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number ad Cover Installation plication Rates and Seeding Technique Photo Documentation) ocation: Latitude:Longitude:NAD [1927 [1983
Proof of Closure N Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App Site Reclamation (for on-site Closure Lo Deerator Closure Certify ereby certify that the infor closure complies with all	Notice (surface owner and division) tice (required for on-site closure) site closures and temporary pits) npling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number nd Cover Installation plication Rates and Seeding Technique Photo Documentation) ocation: Latitude:Longitude:NAD [1927 [1983

Off Conservation Division

Page 5 of 5

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New Mexico Office of the State Engineer

	ffice of the State Engineer orts and Downloads
unshin: 29N Range: 05W	Sections

Township: 29N Range	: 05W Sections:)	
NAD27 X: Y:	Zone: Searc	h Radius:
County: Basin:	Number:	Suffix:
Owner Name: (First)	(Last)	oomestic C Domestic C All
POD / Surface Data Report	Avg Depth to Water Report	Water Column Report
Clear F	Form iWATERS Menu Help	

WATER COLUMN REPORT 08/20/2008

							3=SW 4=SE) smallest)			Depth	Depth	Water (in
POD Number	Tws	Rng	Sec	đ	g	q	Zone	x	Y	Well	Water	Column
SJ 02339	29N	05W	29	3	3	3				350	108	242
SJ 00422	29N	05W	31	2						239	135	104
SJ 00056	29N	05W	31	2	3	1				142	50	92
SJ 00057	29N	05W	31	2	3	1				158	57	101
SJ 03208	29N	05W	31	3	3	3				220	160	60
SJ 02383	29N	05W	32	1	1	1				300	100	200

Record Count: 6

Township: 28N Rang	e: 05W Secti	ons:	
NAD27 X: Y:	Zor	ne:	Search Radius:
County: Basin:		✓ N	umber: Suffix:
Owner Name: (First)	(Last)		C Non-Domestic C Domestic C Al
POD / Surface Data Report	Avg Depth	to Water Rep	oort Water Column Report

WATER COLUMN REPORT 08/20/2008

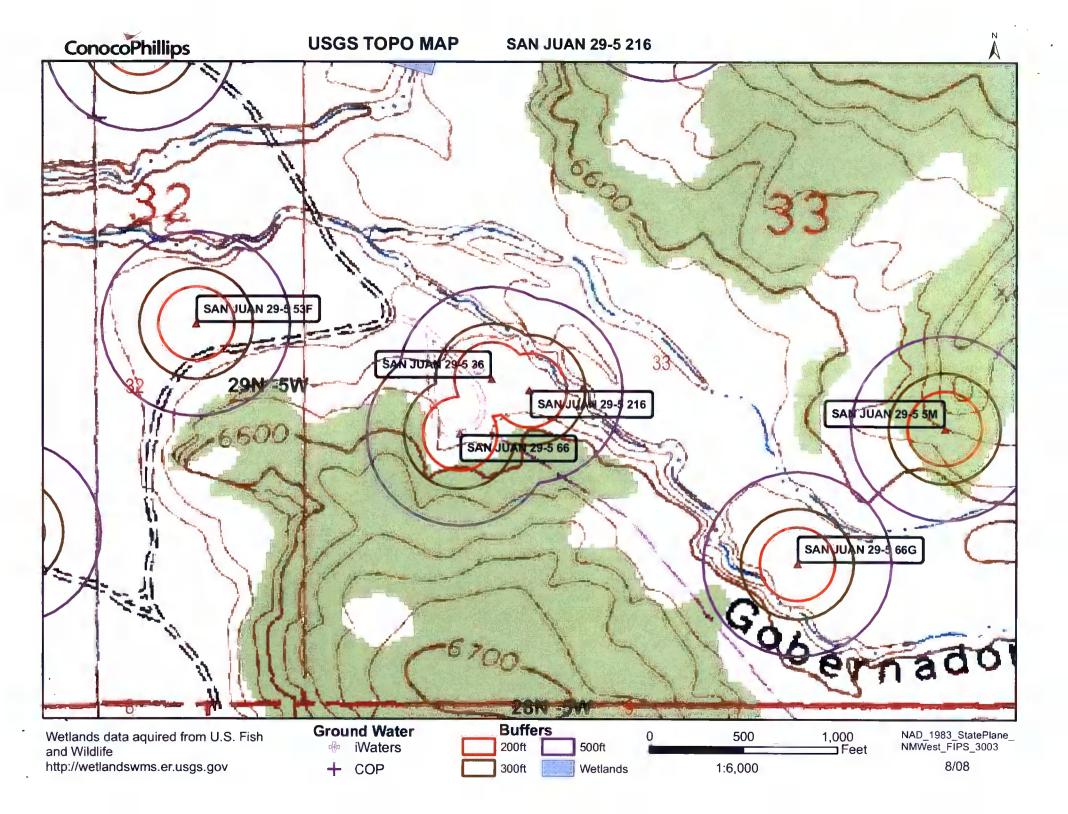
:

	(quarter: (quarter:							-		Depth	Depth	Water	(in
POD Number	Tws	Rng	Sec	g	a d	a	Zone	x	Y	Well	Water	Column	
SJ 01893	28N	05W	18	4						390	290	100	
SJ 00047	28N	05W	28							465	265	200	
SJ 00036	28N	05W	2.8	3						303	243	60	

Record Count: 3

2

2



ConocoPhillips

AERIAL MAP SAN JUAN 29-5 216

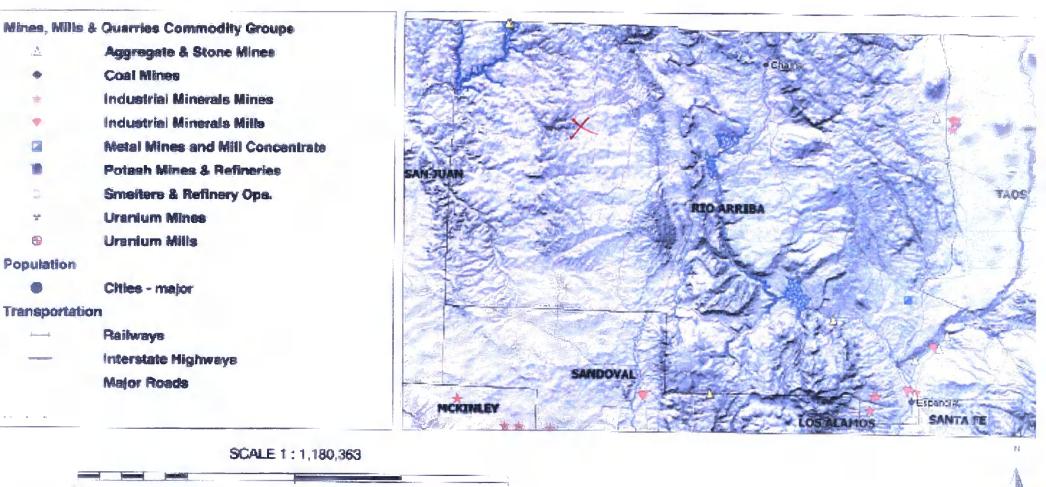


8/08

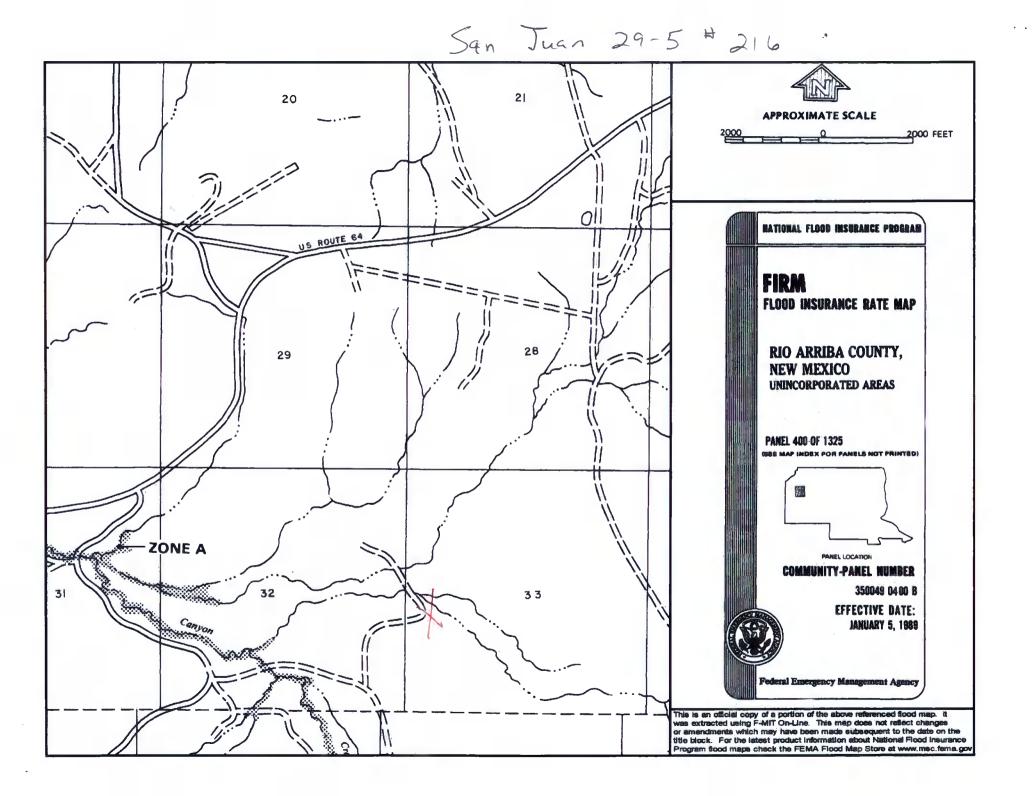
Mines, Mills and Quarries Web Map

SAN JUAN 29-5 216

Unit Letter: L, Section: 33, Town: 029N, Range: 005W







SAN JUAN 29-5 UNIT 216

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'SAN JUAN 29-5 UNIT 216', which is located at 36.67955 degrees North latitude and 107.36709 degrees West longitude. This location is located on the Gobernador 7.5' USGS topographic quadrangle. This location is in section 33 of Township 29 North Range 5 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 Turley, located 23.5 miles to the west. The nearest large town (population greater than 10,000) is Farmington, located 46.7 miles to the west (National Atlas). The nearest highway is US Highway 64, located 1.3 miles to the northwest. The location is on Private land and is 409 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Upper San Juan. Colorado. New Mexico, Sub-basin. This location is located 2001 meters or 6563 feet above sea level and receives 13.5 inches of rain each year. The vegetation at this location is classified as Inter-Mountain Basins Big Sagebrush Shrubland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 149 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 26 feet to the northeast and is classified by the USGS as an intermittent stream. The nearest perrenial stream is 4,402 feet to the northwest. The nearest water body is 4,399 feet to the northwest. It is classified by the USGS as a perennial lake and is 0.1 acres in size. The nearest spring is 11,387 feet to the west. 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 3,679 feet to the east. The nearest wetland is a 1.0 acre Freshwater Pond located 1,848 feet to the north. The slope at this location is 1 degree to the northwest 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 'Gobernador-Orlie association, 0 to 8 percent slopes' and is well drained and not hydric with slight erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 10.8 miles to the north 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.

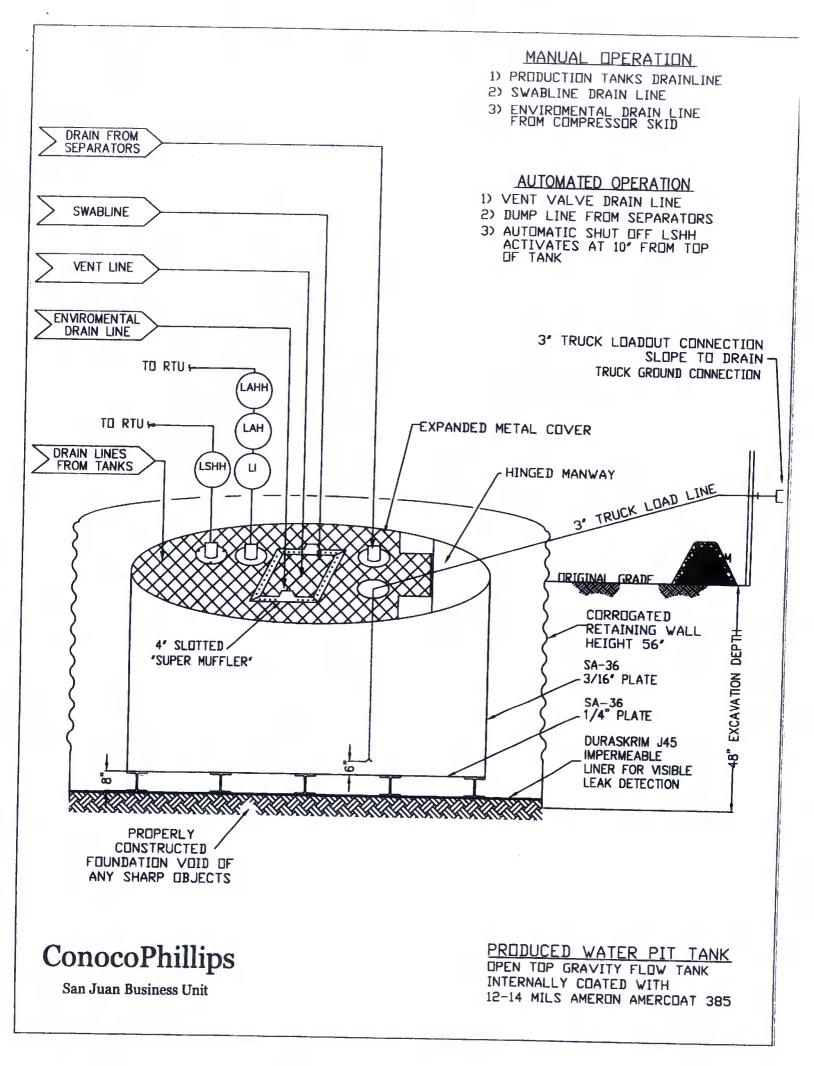
ConocoPhillips Company San Juan Basin Below Grade Tank Design and Construction

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®

130, 136 a 145

PROPERTIES	TEST METHOD	J	30BB	J3	6BB	J4588		
		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Rol Averages	
Appearance		Bla	ck/Black	Blac	k/Black		/Black	
Thickness	ASTM D 5199	27 mil	30 mil	32 mil	36 mil	40 mil	45 mil	
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs (18.14)	140 lbs (20.16)	151 lbs (21.74)	168 lbs (24.19)	189 lbs (27.21)	210 lbs (30.24)	
Construction		**Ext	rusion laminated	with encapsula				
Ply Adhesion	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 84 lbf DD	138 lbf MD 105 lbf DD	
1" Tensile Elongation @ Break % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD	
1" Tensile Elongation @ Peak % (Scrim Break)	ASTM D 7003	20 MD 20 DD	33 MD 33 DD	20 MD 20 DD	30 MD 31DD	20 MD 20 DD	36 MD 36 DD	
Tongue Tear Strength	ASTM D 5884	75 lbf MD 75 lbf DD	97 Ibf MD 90 Ibf DD	75 lbf MD 75 lbf DD	104 lbf MD 92 lbf DD	100 lbf MD 100 lbf DD	117 lbf MD 118 lbf DD	
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 160 lbf DD	193 lbf MD 191 lbf DD	
* Dimensional Stability	ASTM D 1204	<1	<0.5	<1	<0.5	<1	<0.5	
Puncture Resistance	ASTM D 4833	50 lbf	64 lbf	65 lbf	83 lbf	80 lbf	99 lbf	
Maximum Use Temperature		180° F						
Minimum Use Temperature		-70° F						

MD = Machine Direction DD = Diagonal Directions

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 lass 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. These dates will be updated prior 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 application or installation. Raven geomembrane material warranty is intended for commercial use only and is not in effect for the 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 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 repaired or replaced is clean, dry, and unencumbered. This includes, but is not limited to, the area made available for repair and/or replacement of Raven geomembrane to be free from all water, dirt, sludge, residuals and liquids of any kind. If after inspection it is determined that there is no claim under this Limited Warranty, Purchaser shall reimburse Raven Industries Inc. for its costs 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.

THIS LIMITED WARRANTY SHALL BE GOVERNED BY SOUTH DAKOTA LAW AND VENUE FOR ALL LEGAL PROCEEDINGS IN CONNECTION WITH THIS LIMITED WARRANTY SHALL BE IN MINNEHAHA COUNTY, SOUTH DAKOTA. RAVEN INDUSTRIES INC. MAKES NO WARRANTY OF ANY KIND OTHER THAN THAT GIVEN ABOVE AND HEREBY DISCLAIMS ALL WARRANTIES, BOTH EXPRESSED OR IMPLIED, OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS IS THE ONLY WARRANTY THAT APPLIES TO THE MATERIALS REFERRED TO HEREIN AND RAVEN INDUSTRIES INC. DISCLAIMS ANY LIABILITY FOR ANY WARRANTIES GIVEN BY ANY OTHER PERSON OR ENTITY, EITHER WRITTEN OR ORAL.

RAVEN INDUSTRIES' WARRANTY BECOMES AN OBLIGATION OF RAVEN INDUSTRIES INC. TO PERFORM UNDER THE WARRANTY ONLY UPON RECEIPT OF FINAL PAYMENT AND EXECUTION BY A DULY AUTHORIZED OFFICER OF RAVEN INDUSTRIES INC.

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:

- 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 50 mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 250 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.
- 8. 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