1625 N. French Dr., Hobbs, NM 88240 * REGISTERED District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy Minerals and Natural Resources Department Iservation Division Juth St. Francis Dr. A Fe, NM 87505	Form C-14 July 21, 20 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office. For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.
	t, Closed-Loop System, Below-Grad	
Proposed.	Alternative Method Permit or Closur	<u>e Plan Application</u>
	Permit of a pit, closed-loop system, below-grade t Closure of a pit, closed-loop system, below-grade Modification to an existing permit Closure plan only submitted for an existing permi below-grade tank, or proposed alternative method	tank, or proposed alternative method tted or non-permitted pit, closed-loop system,
	cation (Form C-144) per individual pit, closed-loo	
	request does not relieve the operator of liability should operations r an operator of its responsibility to comply with any other applicable	-
1 Operator: <u>ConocoPhillips Company</u> Address: PO Box 4289, Farmington, N	IM 87499	OGRID#: <u>217817</u>
Facility or well name: SAN JUAN 29-5		
	929203 OCD Permit Numbe	۲.
U/L or Qtr/Qtr: 1 Section: Center of Proposed Design: Latitude: Surface Owner: Federal	6 Township: 29N Range: 36.75409°N Longitude: 36.75409°N Longitude:	SW County: Rio Arriba -107.39318°W NAD: X 1927 198 n Allotment
Pit: Subsection F or G of 19.15.17.11 Temporary: Drilling Workover Permanent Emergency Lined Unlined String-Reinforced Liner Seams: Welded	r ntion P&A ype: Thickness mil LLDPE	HDPE PVC Other
	e: Thickness mil LLDPEH	activities which require prior approval of a permit or
4 X Below-grade tank: Subsection I of I	9.15.17.11 NMAC Type of fluid: <u>Produced Water</u>	••••••••••••••••••••••••••••••••••••••
Volume: 120 bbl Tank Construction material:	Visible sidewalls only Other	omatic overflow shut-off
Tank Construction material: Secondary containment with leak detection Visible sidewalls and liner Liner Type: Thickness	on X Visible sidewalls, liner, 6-inch lift and auto Visible sidewalls only Other	Jnspecified

۷ <u></u>		
 Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, in 		
Four foot height, four strands of barbed wire evenly spaced between one and four feet	IMUIIION OF C	hurch)
X Alternate. Please specify 4' hog wire fencing topped with two strands barbed wire.		
And the specify 4 mig where rending topped with two strands barbed wire:		
7 Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)		
X Screen Other Other		
Monthly inspections (If netting or screening is not physically feasible)		
8 <u>Signs:</u> 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 con	asideration of	approval.
(Fencing/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.		
10		
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided helow. 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.		1
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		
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	No
(Applied to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	XNA	
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

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:	
X 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 Design (attach copy of design) API or Permit	
	_
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 1915 17.9 NMAC	
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached	
Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9	
Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC	
Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC	
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	
Previously Approved Design (attach copy of design) API	
Previously Approved Operating and Maintenance Plan API	
13	
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC	I
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.	ł
Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC	ĺ
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	
Climatological Factors Assessment	l
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC	l
Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC	l
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC	l
Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan	ĺ
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: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.	
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System	
Waste Removal (Closed-loop systems only)	
On-site Closure Method (only for temporary pits and closed-loop systems)	
In-place Burial On-site Trench	
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)	
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.	
Please indicate, by a check mark in the box, that the documents are attached.	
X Protocols 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	
X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)	
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	
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (Institutional Please identify the facility as tagilities for the facility of the facility of the facility of the	19.15.17 13.D NMAC)
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use allow are required:	Ament if more than two facilities
Disposal Facility Name: Disposal Facility Permit #:	
Disposal Facility Name: Disposal Facility Permit #:	
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will n Yes (If yes, please provide the information No	tot be used for future service and operations?
Required for impacted areas which will not be used for future service and operations:	
Soil Backfill and Cover Design Specification - based upon the appropriate requirements of Subsection 1	Lof 19.15.17.13 NMAC
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAG	
17	
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NMAC	
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception while for consideration of approval. Institutions and/or demonstrations.	where we want the start of the
for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for	or must be summitted to the santa Fe Environmental Bureau office – or guidance.
Ground water is less than 50 feet below the bottom of the buried waste.	Yes No
- NM Office of the State Engineer - iWATERS database search; USGS: Data obtained from nearby wells	
Ground water is between 50 and 100 feet below the bottom of the buried waste	
 NM Office of the State Engineer - iWATERS database search; USGS: Data obtained from nearby wells 	
	N/A
Ground water is more than 100 feet below the bottom of the buried waste.	Yes No
- NM Office of the State Engineer - iWATERS database search; USGS: Data obtained from nearby wells	N/A
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhol (measured from the ordinary high-water mark).	e, or playa lake Yes No
 Topographic map: Visual inspection (certification) of the proposed site 	
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial applica	ition. TYes No
 Visual inspection (certification) of the proposed site: Aerial photo: satellite image 	
	Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic of purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence at the time of the initial applicate the spring of the spring	or stock watering
- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal o	rdinance adopted Yes No
 pursuant to NMSA 1978, Section 3-27-3, as amended. Written confirmation or verification from the municipality; Written approval obtained from the municipality 	
Within 500 feet of a wetland	
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed	
Within the area overlying a subsurface mine.	
- Written confiramtion or verification or map from the NM EMNRD-Mining and Mineral Division	
Within an unstable area.	Yes No
 Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geologi Topographic map 	ical Society;
Within a 100-year floodplain.	
- FEMA map	Yes No
18	
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must bee at	tached to the closure plan Please indicate
by a check mark in the box, that the accuments are attached.	
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NM.	
Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13	
Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.1	
Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropria	te requirements of 19.15.17.11 NMAC
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC	
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 1	
Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 N	
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site c	losure standards cannot be achieved)

Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

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

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

la.				
Operator Application Unercov certify that the i		molication is two		est of my knowledge and belief.
Name (Print):	_ Crystal La		e and complete to the b Title:	
Signature:	Contal	The	Date:	Regulatory Technician
e-mail address:	przatał taroya @ cono	coonstros com	Telephone:	<u>12/22/2008</u> 505-326-9837
				305-320-9837
20 DCD Approval:	Permit Application (includi		Closure Plan (only)	
OCD Representative			closure r lan (Only)	OCD Conditions (see attachment)
l'itle:			OCD Permit	Approval Date:
21				
Closure Report (requ instructions: Operators a eport is required to be si	ired within 60 days of closs ire required to obtain an appro- abmitted to the division within ts been obtained and the closur	ved closure plan prior to im 60 days of the completion o	plementing any closure f the closure activities, leted.	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		site Closure Method	Alternative Closure Me	ethod Waste Removal (Closed-loop ;ystems only)
If different from a	pproved plan, please explain.			
3				
losure Report Regardi	ng Waste Removal Closure For	or Closed-loop Systems Th	at Utilize Above Grou	nd Steel Tanks or Haul-off Bins Only:
and anniacta.		where the liquias, aritung	fluids and drill cuttings	were disposed. Use attachment if more than two facilities
Disposal Facility Name	a+ +-		Disposal Facility Pe	mit Number:
Disposal Facility Name			Disposal Facility Per	mit Number:
Were the closed-loop s	system operations and associate demonstrate complilane to the	d activities performed on or		e used for future service and opeartions?
Site Reclamation (areas which will not be used for Photo Documentation)	<i>* future service and operati</i>	ons:	
Soil Backfilling an	d Cover Installation			
Re-vegetation App	lication Rates and Seeding Tec	hnique		
······			· · · · · · · · · · · · · · · · · · ·	
Closure Report Atta	ichment Checklist: Instruct	ions: Each of the following	g items must be attache	d to the closure report. Please indicate, by a check mark in
me oox, mai me aocun	Notice (surface owner and d			
	ptice (required for on-site clo			
	site closures and temporary			
Plot Plan (for on-				
_	npling Analytical Results (if	applicable		
Confirmation San	npling Analytical Results (if ampling Analytical Results (
Confirmation San Waste Material Sa	npling Analytical Results (if ampling Analytical Results (Name and Permit Number			
Confirmation San Waste Material San Disposal Facility	ampling Analytical Results (
Confirmation Sar Waste Material Si Disposal Facility Soil Backfilling au	ampling Analytical Results (Name and Permit Number	if applicable)		
Confirmation Sar Waste Material S Disposal Facility Soil Backfilling a Re-vegetation Ap	ampling Analytical Results (Name and Permit Number nd Cover Installation	if applicable)		
Confirmation Sar Waste Material S Disposal Facility Soil Backfilling a Re-vegetation Ap	ampling Analytical Results (Name and Permit Number nd Cover Installation plication Rates and Seeding (Photo Documentation)	if applicable) Technique	ongitude:	NAD 1927 1983
Confirmation San Waste Material S Disposal Facility Soil Backfilling an Re-vegetation Ap Site Reclamation	ampling Analytical Results (Name and Permit Number nd Cover Installation plication Rates and Seeding (Photo Documentation)	if applicable) Technique	.ongitude:	NAD 1927 1983
Confirmation Sar Waste Material S Disposal Facility Soil Backfilling au Re-vegetation Ap Site Reclamation On-site Closure L	ampling Analytical Results (Name and Permit Number nd Cover Installation plication Rates and Seeding (Photo Documentation) ocation: Latitude:	if applicable) Technique	ongitude:	NAD 1927 1983
Confirmation Sar Waste Material Si Disposal Facility Soil Backfilling an Re-vegetation Ap Site Reclamation On-site Closure L	ampling Analytical Results (Name and Permit Number nd Cover Installation plication Rates and Seeding (Photo Documentation) ocation: Latitude:	if applicable) Technique		
Confirmation Sam Waste Material Si Disposal Facility Soil Backfilling an Re-vegetation Ap Site Reclamation On-site Closure L erator Closure Certin reby certify that the infa	ampling Analytical Results (Name and Permit Number nd Cover Installation plication Rates and Seeding (Photo Documentation) ocation: Latitude: 	if applicable) Technique	1 is ture, accurate and a	complete to the best of my knowledge and bull of Lader equilibrium
Confirmation Sam Waste Material Si Disposal Facility Soil Backfilling an Re-vegetation Ap Site Reclamation On-site Closure L Construction Constructi	ampling Analytical Results (Name and Permit Number nd Cover Installation plication Rates and Seeding (Photo Documentation) ocation: Latitude:	if applicable) Technique	t is ture, accorate and a l in the approved closur	complete to the best of my knowledge and bull of Lader equilibrium
Confirmation Sam Waste Material Science Soil Backfilling an Re-vegetation Ap Site Reclamation On-site Closure L Construct Closure Certine Closure complies with an me (Print):	ampling Analytical Results (Name and Permit Number nd Cover Installation plication Rates and Seeding (Photo Documentation) ocation: Latitude: 	if applicable) Technique	t is ture, accorate and a l in the approved closur Title.	complete to the best of my knowledge and bull of Lader equilibrium
Confirmation Sam Waste Material Si Disposal Facility Soil Backfilling an Re-vegetation Ap Site Reclamation On-site Closure L	ampling Analytical Results (Name and Permit Number nd Cover Installation plication Rates and Seeding (Photo Documentation) ocation: Latitude: 	if applicable) Technique	t is ture, accorate and a l in the approved closur	complete to the best of my knowledge and bull of Lader equilibrium

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Page	1	of	1
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Township: 30N Ra	ange: 05W Sectio	ns:		
NAD27 X:	Y: Zone	e: Searc	h Radius:	
County: Basin:		Number:	Suffix:	
Owner Name: (First)	(Last)	C Non-D	omestic C Domestic	6 A
POD / Surface Data Report	Avg Depth to	o Water Report	Water Column Report	
C	lear Form iWATI	ERS Menu Help		

WATER COLUMN REPORT 08/20/2008

	(quarter	s are	ə 1=1	NW	2=	NE	3=SW 4=SE)					
	(quarter	s are	e big	gge	est	: to	smallest)			Depth	Depth	Water (in feet)
POD Number	Tws	Rng	Sec	đ	đ	P	Zone	х	Y	Well	Water	Column
SJ 03556	30N	05W	06	4	2	4				450	250	200
SJ 02771	30N	05W	17	1	1	2				325	137	188

Record Count: 2

New Mexico Office of the State Engineer

New Mexico Office of the State Engineer POD Reports and Downloads
Township: 29N Range: 05W Sections:
NAD27 X: Y: Zone: Search Radius:
County: Basin: Number: Suffix:
Owner Name: (First) (Last) CNon-Domestic CDomestic All
POD / Surface Data Report Avg Depth to Water Report Water Column Report
Clear Form iWATERS Menu Help

WATER COLUMN REPORT 08/21/2008

	(quarter (quarter									Depth	Depth	Water ((in
POD Number	Tws	Rng	Sec	q	q	g	Zone	x	Y	Well	Water	Column	
SJ 02339	29N	05W	29	3	3	3				350	108	242	
SJ 00422	2.9N	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

Nèw Mexico Office of the State Engineer

Page	1	of	1
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Township: 29	N Range: 06W Sectio	ons:	
NAD27 X:	Y: Zon	e: Search Radius:	
County: E	Basin:	Number: S	Suffix:
Owner Name: (First)	(Last)	€ Non-Domestic	C Domestic G Al
POD / Surface Data Re	eport Avg Depth t	o Water Report Water	Column Report

WATER COLUMN REPORT 08/20/2008

							3=SW 4=SE) smallest)			Depth	Depth	Water	(in feet)
POD Number	Tws	Rng	Sec	đ	Ø	đ	Zone	Х	Y	Well	Water	Column	
SJ 03406	29N	06W	05	3	3	4				900	380	520	
SJ 00038	29N	06W	06	4	4	3				813			
SJ 02794	29N	06W	12	2	2	2				280	140	140	
SJ 03364	29N	06W	13	3	4	1				900	620	280	
SJ 03392	29N	06W	20	3	4	4				210			
SJ 03481	29N	06W	20	3	4	4				250			
SJ 00059 S-2	29N	06W	26	4	4	4				565	275	290	
SJ 03393	29N	06W	30	4	4	2				210			
SJ 00059	29N	06W	35	2	2	2				365	120	245	
SJ 00059 S	29N	06W	35	2	2	2				335	120	215	
SJ 00059 S-3	29N	06W	35	2	2	3				561	146	415	

Record Count: 11

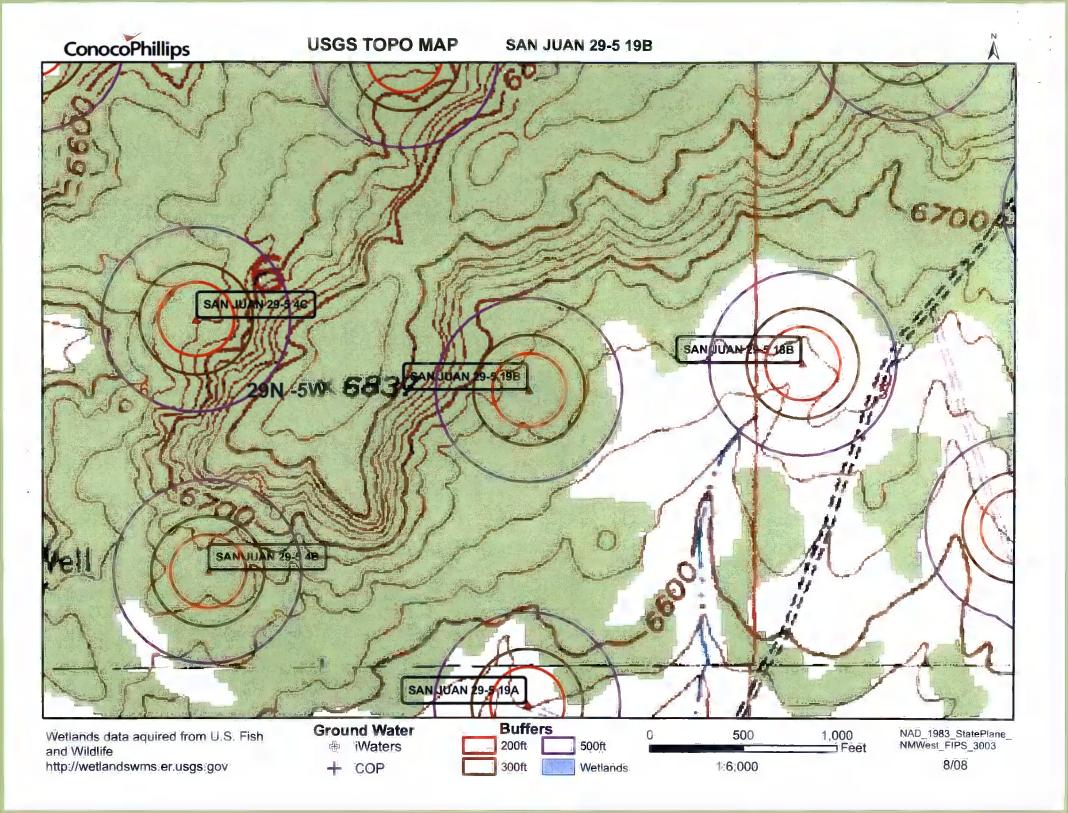
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•		New Mexico O POD Rej	<i>ffice of the Stat</i> ports and Down	e Engineer loads			
	Township: 3	ON Range: 06W	Sections:				
	NAD27 X:	Y:	Zone:	Sear	rch Radius:		
County:		Basin:		Number:	Suff	fix:	
Owner Na	me: (First)	(Last)		○ Non-I	Domestic OI	Domestic	All
PC	D / Surface Data R	eport Avg	g Depth to Water F	Report	Water Colu	umn Report	
		Clear Form	iWATERS Men	Help]		
	(quarters a	WATER CO re 1=NW 2=NE 3=S re biggest to sma	LUMN REPORT 0				
POD Number SJ 00741	Tws Rn 30N 061	g Sec q q q Zon N 17 4 2 3		Y We 20		Water Column 1738	(in feet)

349 420

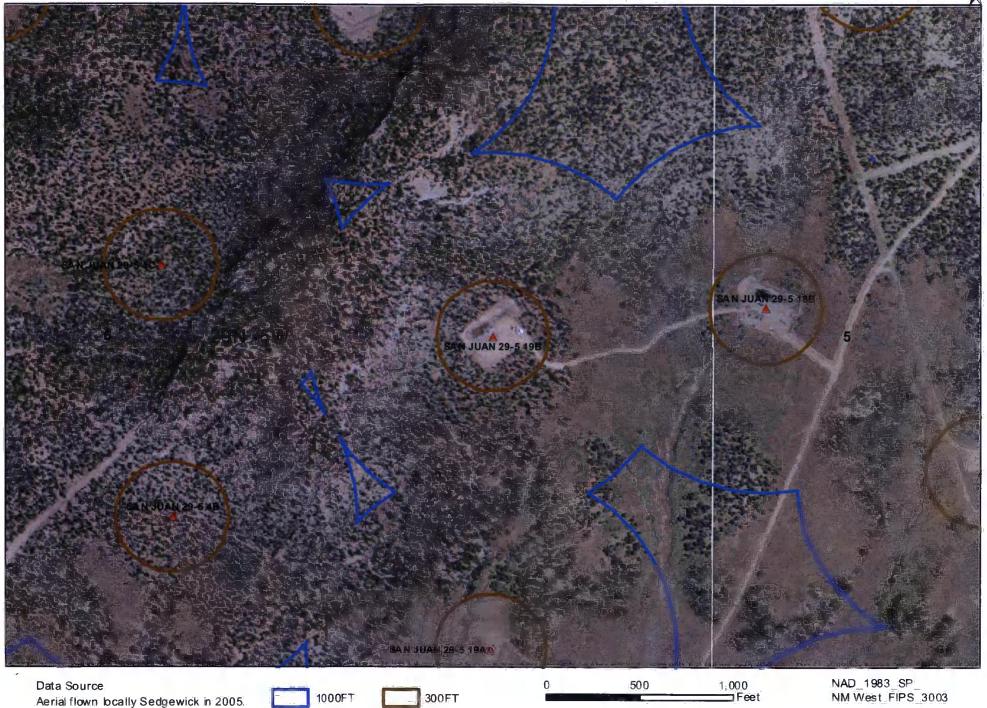
Record Count: 3

SJ 0004130N06W28323SJ 0004030N06W28323



ConocoPhillips

AERIAL MAP **SAN JUAN 29-5 19B**



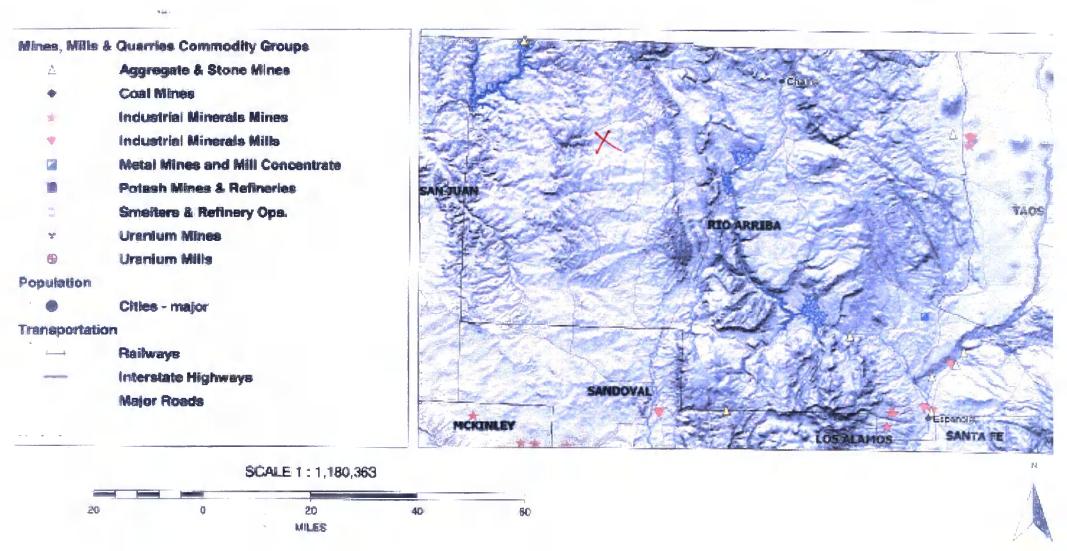
1:6,000

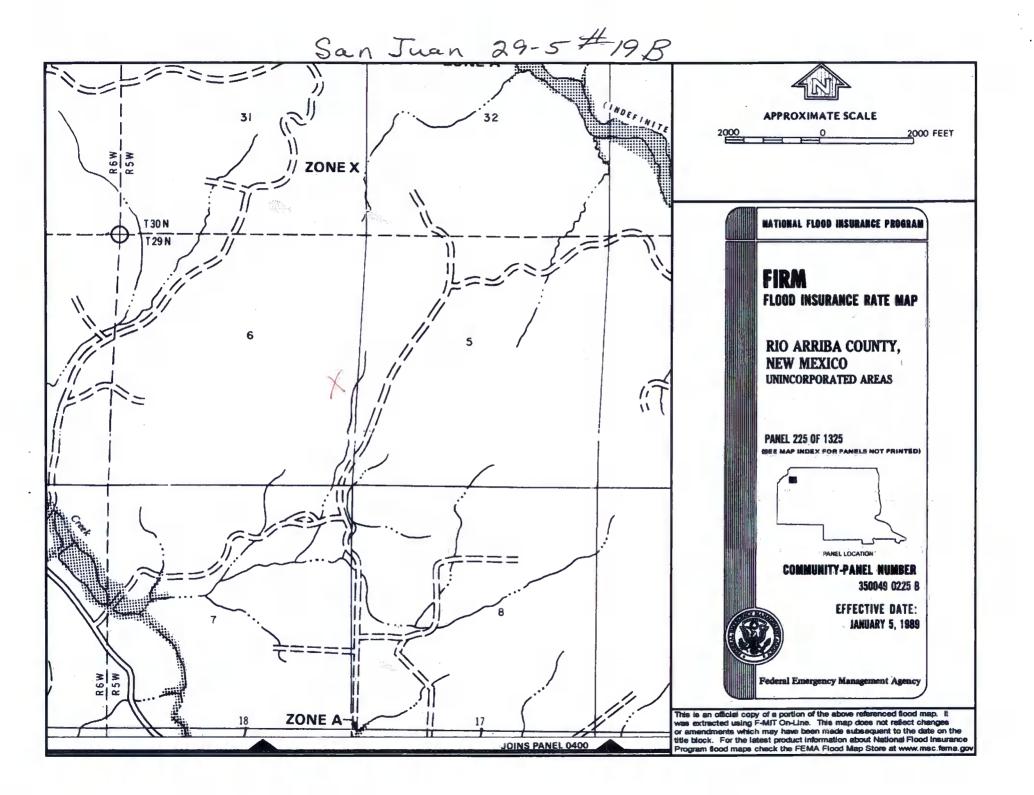
8/08

Mines, Mills and Quarries Web Map

SAN JUAN 29-5 19B

Unit Letter: I, Section: 06, Town: 029N, Range: 005W





SAN JUAN 29-5 UNIT 19B

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'SAN JUAN 29-5 UNIT 19B', which is located at 36.75409 degrees North latitude and 107.39318 degrees West longitude. This location is located on the Gomez Ranch 7.5' USGS topographic quadrangle. This location is in section 6 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 Allison, located 19.4 miles to the north. The nearest large town (population greater than 10,000) is Durango, located 44.9 miles to the northwest (National Atlas). The nearest highway is US Highway 64, located 3.7 miles to the south. The location is on Private land and is 157 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, Subbasin. This location is located 2032 meters or 6664 feet above sea level and receives 14 inches of rain each year. The vegetation at this location is classified as Colorado Plateau Pinion-Juniper Woodland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 230 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 934 feet to the southeast and is classified by the USGS as an intermittent stream. The nearest perrenial stream is 5,098 feet to the southwest. The nearest water body is 5,068 feet to the southwest. It is classified by the USGS as a perennial lake and is 1.0 acres in size. The nearest spring is 27,378 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 8.514 feet to the southeast. The nearest wetland is a 3.1 acre Freshwater Emergent Wetland located 7,715 feet to the northeast. The slope at this location is 1 degree to the southeast 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 'Vessilla-Menefee-Orlie complex, 1 to 30 percent slopes' and is well drained and not hydric with severe erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 6.4 miles to the northeast 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.

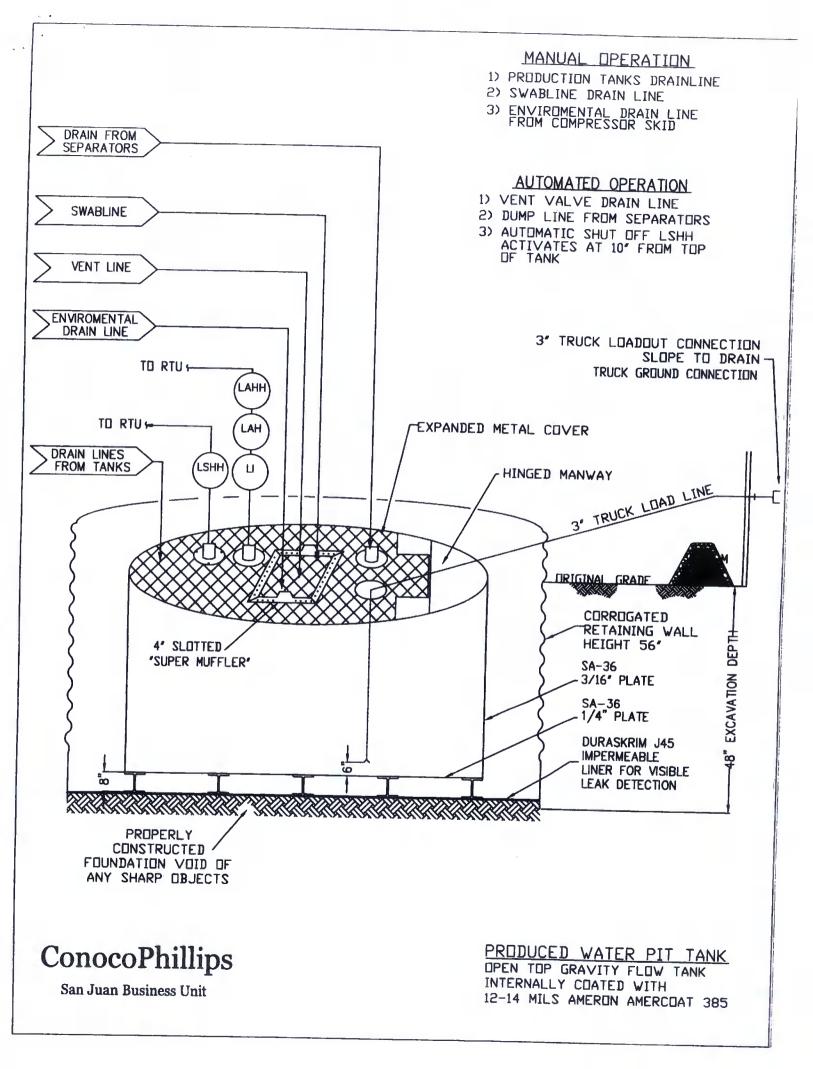
ConocoPhillips Company San Juan Basin Below Grade Tank Design and Construction

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.



A-SKRIM®

J30, J36 & J45

PROPERTIES	TEST METHOD	J	308 8	J3	6BB	J4588		
		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	
Appearance	opearance		ck/Black	Black	/Black	Black/Black		
Thickness	ASTM D 5199	27 mil	30 mit	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	ated tri-direction	al scrim reinforcement		
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 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 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 sausfactory 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. 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 1 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 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 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