State of New Mexico Energy Minerals and Natural Resources Form C-144 July 21, 2008

District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

District IV

Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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.

### Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:	X Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
	Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
	Modification to an existing permit
	Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system,
	below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances

Operator: ConocoPhillips Company	OGRID#: 217817
Address: PO Box 4289, Farmington, NM 87499	
Facility or well name: STATE 32F	全个位于100mm。100mm。100mm。100mm。100mm。100mm。100mm。100mm。100mm。100mm。100mm。100mm。100mm。100mm。100mm。100mm。100mm。100mm
API Number: 30-045-33677	OCD Permit Number:
U/L or Qtr/Qtr: G Section: 36 Township: 30N	Range: 11W County: San Juan
Center of Proposed Design: Latitude: 36.77029°N	Longitude: 107.94044°W NAD: X 1927 1983
Surface Owner: Federal X State Private To	ribal Trust or Indian Allotment
Pit: Subsection F or G of 19.15.17.11 NMAC  Temporary: Drilling Workover  Permanent Emergency Cavitation P&A  Lined Unlined Liner type: Thickness mil  String-Reinforced  Liner Seams: Welded Factory Other	LLDPE         HDPE         PVC         Other            Volume:          bbl         Dimensions L          x W
Closed-loop System: Subsection H of 19.15.17.11 NMAC  Type of Operation: P&A Drilling a new well Workover or notice of int  Drying Pad Above Ground Steel Tanks Haul-off Bins  Lined Unlined Liner type: Thickness mil  Liner Seams: Welded Factory Other	r Drilling (Applies to activities which require prior approval of a permit or ent)  Other  LLDPE HDPE PVD Other
Note	r, 6-inch lift and automatic overflow shut-off
Liner Type: Thicknessmil HDPE PVC  5Alternative Method:  Submittal of an exception request is required. Exceptions must be submitted to	

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, it four foot height, four strands of barbed wire evenly spaced between one and four feet  X Alternate. Please specify 4' hog wire fencing topped with two strands barbed wire.  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)	nstitution or ch	urch)
8  Signs: Subsection C of 19.15.17.11 NMAC  12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers  X Signed in compliance with 19.15.3.103 NMAC		
Administrative Approvals and Exceptions:  Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.  Please check a box if one or more of the following is requested, if not leave blank:  X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for confidence of the Confidence of the Santa Fe Environmental Bureau office for consideration of approval.	onsideration of	approval.
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	Yes	XNo
<ul> <li>Written confirmation or verification from the municipality; Written approval obtained from the municipality</li> <li>Within 500 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	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	Yes	XNo
Society; Topographic map  Within a 100-year floodplain  - FEMA map	Yes	XNo

Form C-144 Oil Conservation Division Page 2 of 5

	the same of the sa	on Attachment Checklist: Subsection B of 19.15.17.9 NMAC
	A STATE OF THE PARTY OF THE PAR	dicate, by a check mark in the box, that the documents are attached.
		ts of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
		equirements of Paragraph (2) of Subsection B of 19.15.17.9
X Siting Criteria Compliance Demonstrations - based up		
X Design Plan - based upon the appropriate requirements		
X Operating and Maintenance Plan - based upon the app		
X Closure Plan (Please complete Boxes 14 through 18, if 19.15.17.9 NMAC and 19.15.17.13 NMAC	f applicable) - based	d upon the appropriate requirements of Subsection C of
Previously Approved Design (attach copy of design)	API	or Permit
Geologic and Hydrogeologic Data (only for on-site closes) Siting Criteria Compliance Demonstrations (only for on-site closes) Design Plan - based upon the appropriate requirements Operating and Maintenance Plan - based upon the appropriate complete comple	optication. Please inc sure) - based upon on-site closure) - bas s of 19.15.17.11 NN ropriate requirement	the requirements of Paragraph (3) of Subsection B of 19.15.17.9 sed upon the appropriate requirements of 19.15.17.10 NMAC
Previously Approved Design (attach copy of design)	API	
Previously Approved Operating and Maintenance Plan	API	
Permanent Pits Permit Application Checklist:  Instructions: Each of the following items must be attached to the  Hydrogeologic Report - based upon the requirements of Siting Criteria Compliance Demonstrations - based upon Climatological Factors Assessment  Certified Engineering Design Plans - based upon the appropriate reduced by the Protection and Structural Integrity Design: based Leak Detection Design - based upon the appropriate reduced by the protection and Compatibility Assessment - but Quality Control/Quality Assurance Construction and Independent of the protection of the pr	application. Please is of Paragraph (I) of S on the appropriate requirem upon the appropria quirements of 19.1: ased upon the appro astallation Plan repriate requiremen on the appropriate re ion Plan	Indicate, by a check mark in the box, that the documents are attached. Subsection B of 19.15.17.9 NMAC requirements of 19.15.17.10 NMAC the requirements of 19.15.17.11 NMAC 5.17.11 NMAC repriate requirements of 19.15.17.11 NMAC ts of 19.15.17.12 NMAC requirements of 19.15.17.11 NMAC
14		
Proposed Closure: 19.15.17.13 NMAC	unh 19 in seconds to	the proposed closure plan
Instructions: Please complete the applicable boxes, Boxes 14 through the complete thr		Permanent Pit X Below-grade Tank Closed-loop System
Proposed Closure Method: X Waste Excavation and Remova	d (Below-G	rade Tank)
Waste Removal (Closed-loop s		
On-site Closure Method (only f		d closed-loop systems)
In-place Burial	On-site Trench	
Alternative Closure Method (E	xceptions must be si	ubmitted to the Santa Fe Environmental Bureau for consideration)
Please indicate, by a check mark in the box, that the documents ar  X Protocols and Procedures - based upon the appropriate of	re attached. requirements of 19.	
X Confirmation Sampling Plan (if applicable) - based upo X Disposal Facility Name and Permit Number (for liquids		
Soil Backfill and Cover Design Specifications - based u		
X Re-vegetation Plan - based upon the appropriate require		
X Site Reclamation Plan - based upon the appropriate require		
- and the state of the state of the state of	or Duose	The state of the s

Form C-144 Oil Conservation Division Page 3 of 5

16			
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Instructions: Please identify the facility or facilities for the disposal of liquids, dril are required.	Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC) lling fluids and drill cuttings. Use attachment if more than two	facilities	
Disposal Facility Name:	, Disposal Facility Permit #:	44. 188	
	Disposal Facility Permit #:		
Will any of the proposed closed-loop system operations and associated activ			erations?
Required for impacted areas which will not be used for future service and operation  Soil Backfill and Cover Design Specification - based upon the appropriate requirements of Sul  Site Reclamation Plan - based upon the appropriate requirements of	opriate requirements of Subsection H of 19.15.17.13 NMA bsection I of 19.15.17.13 NMAC	ıC	
	outdettett o or 17.1517/15 Filling		
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 Nr. Instructions: Each siting criteria requires a demonstration of compliance in the closure pla certain siting criteria may require administrative approval from the appropriate district of for consideration of approval. Justifications and/or demonstrations of equivalency are required.	an. Recommendations of acceptable source material are provided bel fice or may be considered an exception which must be submitted to the		
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	N/A	
Ground water is between 50 and 100 feet below the bottom of the buried wa	aste	Yes	No
- NM Office of the State Engineer - iWATERS database search; USGS; Data of	obtained from nearby wells	□N/A	
Ground water is more than 100 feet below the bottom of the buried waste.		□Yes	□No
<ul> <li>NM Office of the State Engineer - iWATERS database search; USGS; Data of</li> </ul>	obtained from nearby wells	N/A	Пио
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other sign (measured from the ordinary high-water mark).	nificant watercourse or lakebed, sinkhole, or playa lake	Yes	∐No
- Topographic map; Visual inspection (certification) of the proposed site		Пу	
<ul> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; satellite im</li> </ul>		□ res	
Within 500 horizontal feet of a private, domestic fresh water well or spring that less purposes, or within 1000 horizontal fee of any other fresh water well or spring, in e. NM Office of the State Engineer - iWATERS database; Visual inspection (cer	existence at the time of the initial application.	Yes	∐No
Within incorporated municipal boundaries or within a defined municipal fresh wate pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approval	er well field covered under a municipal ordinance adopted	Yes	No
Within 500 feet of a wetland	ovanica non ale manepany	□Yes	□No
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual in	nspection (certification) of the proposed site		
Within the area overlying a subsurface mine.		Yes	No
- Written confirantion or verification or map from the NM EMNRD-Mining an	d Mineral Division		
Within an unstable area.		Yes	No
<ul> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Topographic map</li> </ul>	Mineral Resources; USGS; NM Geological Society;		
Within a 100-year floodplain FEMA map		Yes	No
18 On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each	ch of the following items must bee attached to the closur	e plan. Please	e indicate,
by a check mark in the box, that the documents are attached.			
Siting Criteria Compliance Demonstrations - based upon the appropri			
Proof of Surface Owner Notice - based upon the appropriate requiren			
Construction/Design Plan of Burial Trench (if applicable) based upon	the appropriate requirements of 19.15.17.11 NMAC		
Construction/Design Plan of Temporary Pit (for in place burial of a de		).15.17.11 NM	IAC
Protocols and Procedures - based upon the appropriate requirements of			
Confirmation Sampling Plan (if applicable) - based upon the appropri			THE STATE OF THE S
Waste Material Sampling Plan - based upon the appropriate requirem			A MONEY
Disposal Facility Name and Permit Number (for liquids, drilling fluid	s and drill cuttings or in case on-site closure standards can	not be achieve	ed)
Soil Cover Design - based upon the appropriate requirements of Subs			
Re-vegetation Plan - based upon the appropriate requirements of Subs			August Die
Site Reclamation Plan - based upon the appropriate requirements of S	absection G of 19.15.17.13 NMAC		The second secon

Name (Print):	Crystal Tafoya	Title:	Regulatory Technician
Signature:	Contal Talour	Date:	12/22/2008
-mail address:	crystal afoya@conocophillips.com	Telephone:	505-326-9837
CD Approval:	Permit Application (including closure plan)	Closure Plan (only)	OCD Conditions (see attachment)
CD Representative	Signature:		Approval Date:
itle:	planting to the time.	OCD Perm	it Number:
structions: Operators of port is required to be s		to implementing any closus ion of the closure activities completed.	re activities and submitting the closure report. The closure  Please do not complete this section of the form until an  Completion Date:
N. T. C. C.		Contract Con	
losure Method:			
Waste Excavatio		Alternative Closure	Method Waste Removal (Closed-loop systems only)
If different from	approved plan, please explain.	Hen Smeat	
Description	See Warte Bernard Clares For Clared Law Section	The Visition Above Con-	-15-17-1-11-15-15-0-1
	ing Waste Removal Closure For Closed-loop System ntify the facility or facilities for where the liquids, dri		gs were disposed. Use attachment if more than two facilities
re utilized.			
Disposal Facility Nan		Disposal Facility I	
Disposal Facility Nan		Disposal Facility I	
annua .	system operations and associated activities performed		be used for future service and opeartions?
		No	
	d areas which will not be used for future service and of (Photo Documentation)	perations:	
	and Cover Installation		
=	oplication Rates and Seeding Technique		
The regenation rip	Premior raise and occoming recumque		
Closure Report At		lowing items must be attac	hed to the closure report. Please indicate, by a check mark in
Proof of Closure	e Notice (surface owner and division)		
Proof of Deed N	Notice (required for on-site closure)		
Plot Plan (for or	n-site closures and temporary pits)		
Confirmation Sa	ampling Analytical Results (if applicable)		
	Sampling Analytical Results (if applicable)		
	y Name and Permit Number		
Waste Material			
Waste Material Disposal Facility	and Cover Installation		
Waste Material Disposal Facility Soil Backfilling	and Cover Installation pplication Rates and Seeding Technique		
Waste Material Disposal Facility Soil Backfilling Re-vegetation A			
Waste Material Disposal Facility Soil Backfilling Re-vegetation A	application Rates and Seeding Technique (Photo Documentation)	Longitude:	NAD   1927   1983
Waste Material Disposal Facility Soil Backfilling Re-vegetation A Site Reclamation	application Rates and Seeding Technique (Photo Documentation)	Longitude:	NAD 1927 1983
Waste Material Disposal Facility Soil Backfilling Re-vegetation A Site Reclamation On-site Closure	application Rates and Seeding Technique In (Photo Documentation) Location: Latitude:	Longitude:	NAD   1927   1983
Waste Material Disposal Facility Soil Backfilling Re-vegetation A Site Reclamation On-site Closure	pplication Rates and Seeding Technique n (Photo Documentation) Location: Latitude:  rtification:		
Waste Material Disposal Facility Soil Backfilling Re-vegetation A Site Reclamation On-site Closure  Derator Closure Cerety certify that the in	pplication Rates and Seeding Technique n (Photo Documentation) Location: Latitude:  tification: nformation and attachments submitted with this closure	e report is ture, accurate a	nd complete to the best of my knowledge and belief. I also certify tha
Waste Material Disposal Facility Soil Backfilling Re-vegetation A Site Reclamation On-site Closure  Derator Closure Cerety certify that the inclosure complies with	pplication Rates and Seeding Technique n (Photo Documentation) Location: Latitude:  rtification:	e report is ture, accurate as secified in the approved clo	nd complete to the best of my knowledge and belief. I also certify tha
Waste Material Disposal Facility Soil Backfilling Re-vegetation A Site Reclamation On-site Closure  Derator Closure Cerety certify that the in	pplication Rates and Seeding Technique n (Photo Documentation) Location: Latitude:  tification: nformation and attachments submitted with this closure	e report is ture, accurate a	nd complete to the best of my knowledge and belief. I also certify tha

Form C-144 Oil Conservation Division

### New Mexico Office of the State Engineer POD Reports and Downloads

NAD27 X: Y:	Zone:	Searc	h Radius:
County: Basin:	-	Number:	Suffix:
Owner Name: (First)	(Last)	C Non-D	omestic C Domestic @ All
POD / Surface Data Report	Avg Depth to Water	Report	Water Column Report

(quarters are 1=NW 2=NE 3=SW 4=SE)

### WATER COLUMN REPORT 08/21/2008

	(quarter	s are	e bi	gge	est	to	smalle	est)			Depth	Depth	Water	(in
POD Number	Tws	Rng	Sec	g	g	P	Zone	×		Y	Well	Water	Column	
RG 50669	30N	11W		1							360	310	50	
SJ 02765	30N	11W	02	1	3						54	20	34	
SJ 00975	30N	11W	02	1	3						60	20	40	
SJ 01217	30N	11W	02	1	3						60	30	30	
SJ 02837	30N	11W	02	3	4	1					150			
SJ 01437	30N	11W	03	1							40	28	12	
SJ 03121	30N	11W	03	1	2	4					36	12	24	
SJ 02049	30N	11W	03	1	3						26	8	18	
SJ 01339	30N	11W	03	1	3	1					40	15	25	
SJ 02814	30N	11W	03	1	3	2					31	8	23	
SJ 00350	30N	11W	03	1	3	2					46	12	34	
SJ 01441	30N	11W	03	1	3	2					48	20	28	
SJ 02835	30N	11W	03	1	3	2					26	8	18	
SJ 01387	30N	11W	03	1	4						40	18	22	
SJ 03698 POD1	30N	11W	03	1	4	1					40	5	35	
SJ 02785	30N	11W	03	1	4	2					31	5	26	
SJ 01313	30N	11W		2							70	58	12	
SJ 01805	30N	11W	03	2							35	20	15	
SJ 01807	30N	11W	03	2	1						50	30	20	
SJ 01202	30N	11W	03	2	1	2					35	8	27	
SJ 02781	30N	11W		2	1	2					48	23	25	
SJ 03758 POD1	30N	11W	03	2	1	2	2	268158	3	2127473	49	21	28	
SJ 03765 POD1	30N	11W	03	2	1	2	2	268163	1	2127605	43	20	23	
SJ 03756 POD1	30N	11W	03	2	1	2	2	268179	) :	2127870	41	20	21	
SJ 02786	30N	11W	03	2	3	1					51	24	. 27	
SJ 01901	30N	11W	03	2	3	2					60	26	34	
SJ 00698	30N	11W	03	2	3	3					44	14	30	
SJ 01261	30N	11W	03	2	3	4						20		
SJ 02930	30N	11W	03	2	4	4					81	64	17	
SJ 02798	30N	11W	03	2	4	4					80	61	19	
SJ 00402	30N	11W	03	3							32	18	14	
SJ 01734	30N	11W	03	3	2						33	5	28	

		The Control of the			Came of							
SJ 00762	30N	11W		3	2					47	22	25
SJ 01440	_ 30N	11W		3		3				41	21	20
SJ 01020	3011	11W		3	3					27	5	22
SJ 03242	30N	11W		3	3	1				23	9	14
SJ 03732 POD1	_ 30N	11W		3	3	1				38	9	29
SJ 03239	_ 30N	11W		3	3	3				33	12	21
SJ 01238	_ 30N	11W		4	1					95	38	57
SJ 02245	_ 30N	11W		4	1	3				66	30	36
SJ 01043	_ 30N	11W		4	1	4				50	0.0	
SJ 01249	_ 30N	11W		4	2					52	22	30
SJ 02563	_ 30N	11W		4	2	1				96	60	36
SJ 02824	30N	11W		4	2	1				70	50	20
SJ 03153	_ 30N	11W		4	2	1				80	60	20
SJ 03454	30N	11W		4	2	4				100	10	0.0
SJ 03291	_ 30N	11W		4	3	2				38	18	20
SJ 00366 SJ 01364	30N	11W		2	4	4				33 115	18	15
SJ 03076	30N	11W		2	2	2				44	86	29
SJ 02903	30N	11W		2	3	2				49	10	34
SJ 03039	30N	11W		4	1	2				53	31 40	18 13
SJ 01450	30N	11W		4	3	4				45	20	25
SJ 02941	30N	11W		4	3	2				58	37	21
SJ 01367	30N	11W		4	4	1				48	20	28
SJ 03407	30N	11W		4	4	4	W	453700	2124100	30	5	25
SJ 03267	30N	11W		2	1	3		133700	2124100	83	60	23
SJ 03245	30N	11W		4	4	4				80	65	15
SJ 02194	30N	11W		-	-					59	22	37
SJ 02140	30N	11W		1	1	1				70	60	10
SJ 00689	30N	11W		1	4	3				78	65	13
SJ 00690	30N	11W		1	4	3				60		
SJ 00882	30N	11W		1	4	3				60	50	10
SJ 00889	30N	11W	07	1	4	3				55		
SJ 00806	30N	11W	07	1	4	3				38	20	18
SJ 00739	_ 30N	11W	07	1	4	3				70	58	12
SJ 00389	_ 30N	11W		1	4	3				53		
SJ 00688	_ 30N	11W		1	4	3				70	58	12
SJ 00358	_ 30N	11W		1	4	3				. 61	38	23
SJ 00397	_ 30N	11W		1		3				56	35	21
SJ 00415	_ 30N	11W		1		3				53	40	13
SJ 00387	_ 30N	11W		1		3					100	Mary File
SJ 00748	_ 30N	11W		1	4	3				60	41	19
SJ 03271	_ 30N	11W		2	3					10	0.7	00
SJ 01475	_ 30N	11W		2	3	3				49	27	22
SJ 03465 SJ 00259	30N 30N	11W 11W		2	3	4				80 25	12	12
SJ 01492	30N	11W		3	4					60	12 22	13 38
SJ 03794 POD1	30N	11W		3	1	3		266272	2119520	44	27	17
SJ 01172	30N	11W		3	2	,		200272	2117320	50	30	20
SJ 01310	30N	11W		3	3					80	50	30
SJ 01484	30N	11W		3	3					61	10	51
SJ 03630	30N	11W		3		3				68	24	44
SJ 01425	30N	11W		3	4					55	25	30
SJ 01468	30N	11W		3	4					60	25	. 35
SJ 02006	30N	11W		3		2				50	24	26
SJ 03484	30N	11W		3		3				75		
SJ 02005	30N	11W		3		4				55	20	35
SJ 02715	30N	11W		3		4				68	20	48
SJ 00135	30N	11W		4	1					180	23	157
SJ 00769	30N	11W		4	1					50	14	36
			2000 B									

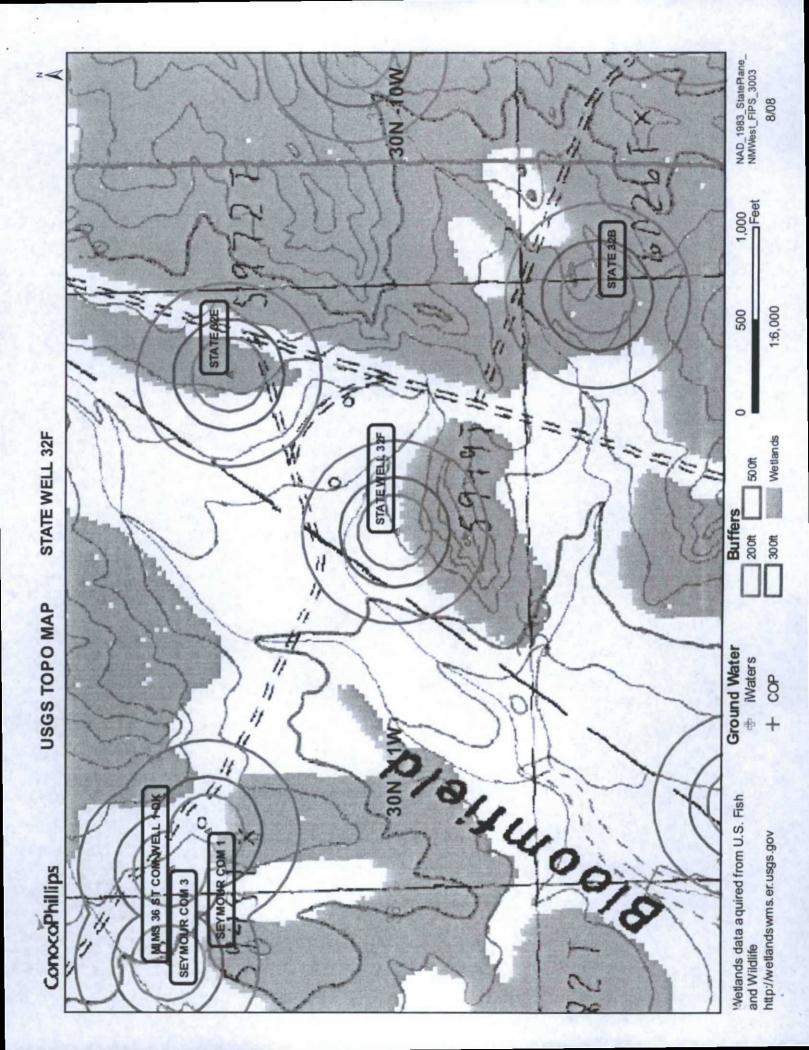
SJ 01406	30N	11W	07	4	1			45	12	33
SJ 02936	30N	11W		4	1	1		38	30	8
SJ 00679	30N	11W		4	1	3		48	22	26
SJ 00620	30N	11W		4	1	3		52	35	17
SJ 00329	30N	11W		4	1	3		63	20	43
SJ 00162	30N	11W		4	1	3		58	23	35
SJ 02906	30N	11W		4	1	4		45	24	21
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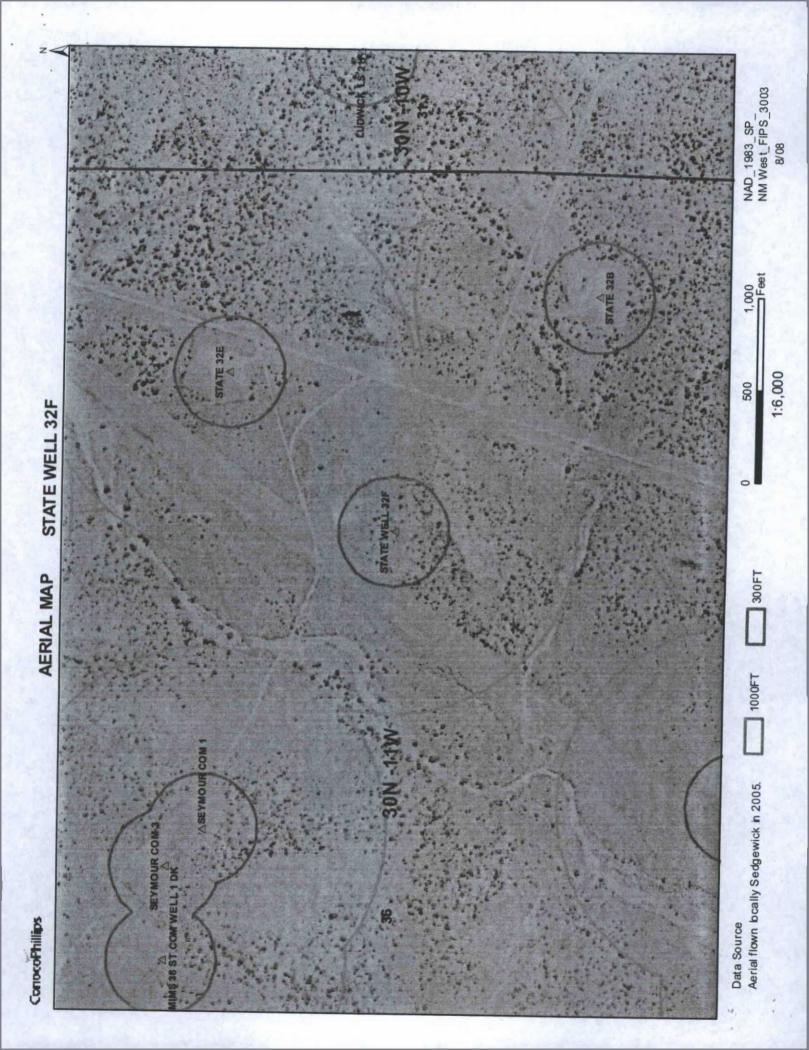
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02493 03724 POD1	30N	11W		1	3	1	49	26	23
03/24 PODI	30N	11W 11W		1	3	1	47	36	11
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02796	30N	11W		4	3	2	100	25	13
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03213	30N	11W		4	4	2	100	Y THE WAY	
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SJ	03315	30N	11W		4	1	2			60	54	6
SJ		30N	11W		4	4				200	35	165
-	03224	30N	11W		1	2	4			80	30	50
The contract of	03077	30N	11W		2	1	1			75	70	5
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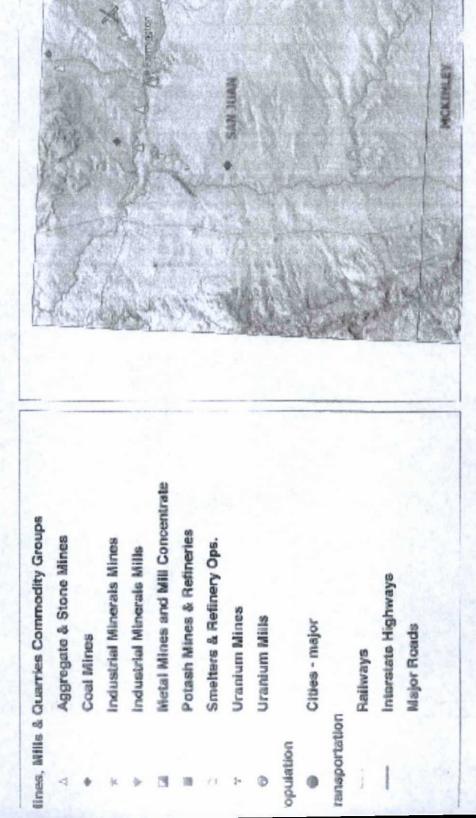




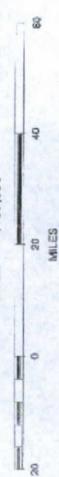
# Mines, Mills and Quarries Web Map

STATE WELL 32F

Unit Letter: , Section: 36, Town: 30N, Range: 11W



SCALE 1:1,180,383



RIOW П 25 STATE Well 32F **ZONE A ZONE X** 26 A ZONE A (358.10.)

APPROXIMATE SCALE EFFECTIVE DATE: AUGUST 4, 1988 NATIONAL FLOOD INSURANCE PROGRAM FIRM FLOOD INSURANCE RATE MAP PANEL 550 OF 1450 SHE MAP INDEX POR PANELS NOT PRINTED! SAN JUAN COUNTY, NEW MEXICO UNINCORPORATED AREAS

### STATE 32F

### Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'STATE 32F', which is located at 36.77024 degrees North latitude and 107.93993 degrees West longitude. This location is located on the Aztec 7.5' USGS topographic quadrangle. This location is in section 36 of Township 30 North Range 11 West of the Public Land Survey System (New Mexico Principal Meridian). This location is located in San Juan County, New Mexico. The nearest town is Aztec, located 4.6 miles to the northwest. The nearest large town (population greater than 10,000) is Farmington, located 14.9 miles to the west (National Atlas). The nearest highway is US Highway 550, located 2.2 miles to the west. The location is on State land and is 1,796 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 1813 meters or 5946 feet above sea level and receives 11.5 inches of rain each year. The vegetation at this location is classified as Inter-Mountain Basins Mixed Salt Desert Scrub as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 100 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 156 feet to the northeast and is classified by the USGS as an intermittent stream. The nearest perrenial stream is 3,893 feet to the northwest. The nearest water body is 3,839 feet to the northwest. It is classified by the USGS as an intermittent lake and is 0.2 acres in size. The nearest spring is 14,893 feet to the southeast. 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 11,904 feet to the southwest. The nearest wetland is a 0.8 acre Freshwater Pond located 18,499 feet to the south. The slope at this location is 2 degrees 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 NACIMIENTO FORMATION--Shale and sandstone with a Shale dominated formations of all ages substrate. The soil at this location is 'Gypsiorthids-Badland-Stumble complex, moderately steep' and is somewhat excessively drained and not hydric with severe erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 13.6 miles to the north as indicated on the Mines, Mills and Quarries Map of New Mexico provided.

### Regional Geological context:

The Nacimiento Formation is of Paleocene age (Baltz, 1967, p. 35). It crops out in a broad band inside the southern and western margins of the central basin and in a narrow band along the west face of the Nacimiento Uplift. The Nacimiento is a nonresistant unit and typically erodes to low, rounded hills or forms badland topography.

The Nacimiento Formation occurs in approximately only the southern two-thirds of the San Juan Basin where it comnformably overlies and intertongues with the Ojo Alamo Sandstone (Fassett, 1974, p. 229). The Nacimiento Formation grades laterally into the main part of the Animas Formation (Fassett and Hinds, 1971, p. 34); thus, in this area, the two formations occupy the same stratigraphic interval.

Strata of the Nacimiento Formation were deposited in lakebeds in the central basin area with lesser deposition in stream channels (Brimhall, 1973, p. 201). In general, the Nacimiento consists of drab, interbedded black and gray shale with discontinuous, white, medium- to very coarse grained arkosic sandstone (Stone e al., 1983, p.30). Stone et al. indicated that the formation may contain more sandstone than commonly reported because some investigators assume the slope-forming strata in the unit area shales, whereas in many places the strata actually are poorly consolidated sandstones.

Total thickness of the Nacimiento Formation ranges from about 500 to 1,300 feet. The unit generally thickens from the basin margins toward the basin center (Steven et al., 1974). The sandstone deposits within the Nacimiento Formation are much thinner than the total thickness of the formation because their environment of deposition was localized stream channels (Brimhall, 1973, p. 201). The thickness of the combined San Jose, Animas, and Nacimiento Formations ranges from 500 to more than 3.500 feet.

### Hydraulic Properties:

Reported well yields for 53 wells completed in either the Animas or Nacimiento Formations range from 2 to 90 gallons per minute and the median yield is 7.5 gallons per minute. The primary use of water from Nacimiento and Animas Formations is domestic and livestock supplies. There are no known aquifer tests for the Animas or Nacimiento Formations, but specific capacities reported for six wells range from 0.24 to 2.30 gallons per minute per foot of drawdown (Levings et al., 1990).

The Animas and Nacimiento Formations are in many ways hydrologically similar to the San Jose Formation because sands in both units produce approximately the same quantities of water. However, the greater percentage of fine materials in the Animas and Nacimiento Formations may restrict downward vertical leakage to the Ojo Alamo Sandstone or Kirtland Shale. The poorly cemented fine material is highly erodible, forms a badland terrain, and supports only spotty vegetation. These conditions are more conductive to runoff than retention of precipitation.

### References:

Baltz, E.H., 1967, Stratigraphy and regional tectonic implications of part of Upper Cretaceous rocks, east-central San Juan Basin, New Mexico: USGS Professional Paper 552, 101 p.

Brimhall, R.M., 1973, Ground-water hydrology of Tertiary rocks of the San Juan Basin, New Mexico, in Fassett, J.E., ed., Cretaceous and Tertiary rocks of the Southern Colorado Plateau: Four Corners Geological Society Memoir, p. 197-207.

Fassett, J.E., 1974, Cretaceous and Tertiary rocks of the eastern San Juan Basin, New Mexico and Colorado, in Guidebook of Ghost Ranch, central-northern New Mexico: New Mexico Geological Society, 25th Field Conference, p. 225-230.

Fassett, J.E., and Hinds, J.S., 1971, Geology and fuel resources of the Fruitland Formation and Kirtland Shale of the San Juan Basin, New Mexico and Colorado: USGS Professional Paper 676, 76 p. Levings, G.W., Craigg, S.d., Dam, W.L., Kernodle, J.M., and Thorn, C.R., 1990, Hydrogeology of the San Jose, Nacimiento, and Animas Formations in the San Juan structural basin, New Mexico, Colorado, Arizona, and Utah: USGS Hydrologic Investigations Atlas HA-720-A, 2 sheets.

Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., and Padgett, E.T., 1983, Hydrogeology and water resources of San Juan Basin, New Mexico: New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

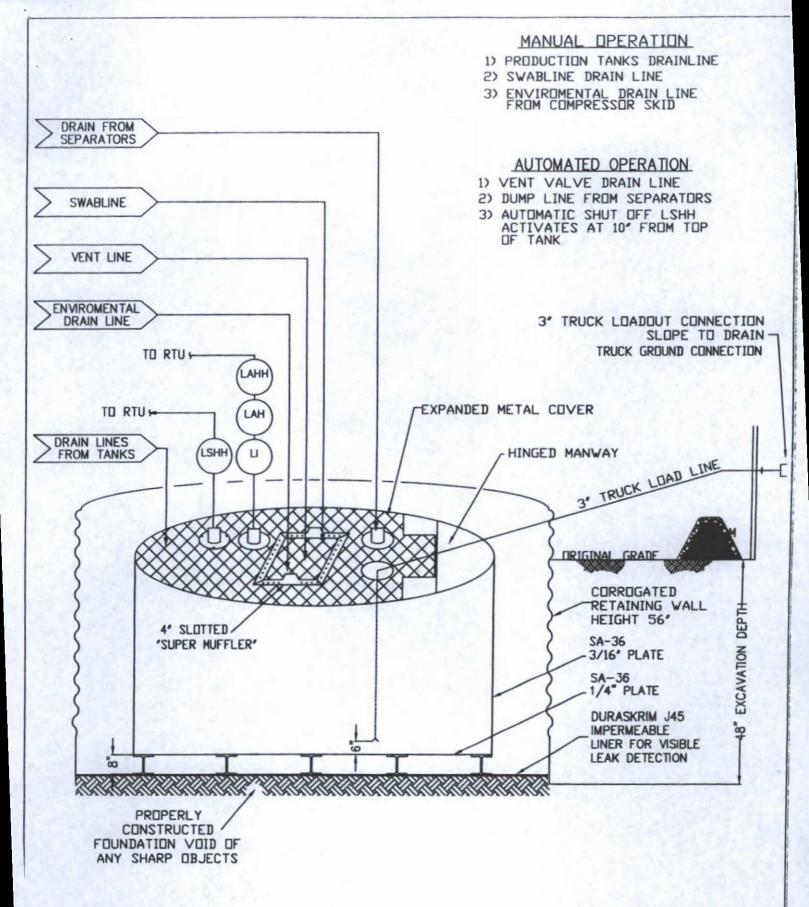
# ConocoPhillips Company San Juan Basin Below Grade Tank Design and Construction

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:

- 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.
- 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.
- COPC will construct a screened, expanded metal covering, on the top of the BGT.
- 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.
- 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.
- The general specification for design and construction are attached in the COPC document.



# ConocoPhillips

San Juan Business Unit

PRODUCED WATER PIT TANK
OPEN TOP GRAVITY FLOW TANK
INTERNALLY COATED WITH
12-14 MILS AMERON AMERCOAT 385

# DURA-SKRIM®

# J30, J36 & J45

PROPERTIES	TEST METHOD	13	0B <b>B</b>	J30	88	J4588		
		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Ro Averages	
Appearance		Black	k/Black	Black	/Black	Black/Black		
Thickness	ASTM D 5199	27 mil	30 mil	32 mil	36 mil	40 mil	45 mil	
/eight Lbs Per MSF 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		**Extr	usion laminated	with encapsula	ted tri-direction	al scrim reinforcement		
Ply Adhesion	Adhesion ASTM D 413		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 MI 105 lbf DC	
1" Tensile Elongation @ Break % (Film Break)			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)			33 MD 33 DD	20 MD 20 DD	30 MD 31DD	20 MD 20 DD	36 MD 36 DD	
ongue 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	apezoid Tear ASTM D 4533		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	mensional Stability ASTM D 1204		<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	27-7-2	-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 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



08/06

# 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.
- 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.
- 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:

- 1. 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.
- 2. 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.
- 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.
- If there is any on-site equipment associated with a below-grade tank, then COPC shall remove the equipment, unless the equipment is required for some other purpose.
- 5. COPC shall test the soils beneath the below-grade tank to determine whether a release has occurred. COPC shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyze for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 100 mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. COPC shall notify the division of its results on form C-141.

- 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
  - Location by Unit Letter, Section, Township, and Range. Well name and API number.
- 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 (unimpacted) 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 belowgrade 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

# OCD Aztec District III Conoco Phillips/Burlington Checklist Below Grade Tank Registration

19.15.17.9 Permit application	
✓ Signed C-144 (Page 5 of C-144)	
Site Specific Hydrogeology	
19.15.17.10 Siting requirements	
New Mexico Office of State Engineer attachment	
✓ USGS TOPO map	
✓ Aerial Map	
Mines, Mills and Quarries Web Map	
FIRM map (flood insurance rate map from Federal Emergency Ma	anagement Agency)
19.15.17.11 Design Plan Contents	
Below Grade Tank Design and Construction Plan.	
19.15.17.12 Operating and Maintenance Plan	
Below Grade Tank Operating and Maintenance Plan	
19.15.17.13 Closure Plan	
Below Grade Tank Closure Plan	
Requirements:	
Registration Date: 45 206	