istrict I

1625 N French Dr., Hobbs, NM 88240

1301 W Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd , Aztec, NM 87410

State of New Mexico Energy Minerals and Natural Resources

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

Form C-144 July 21, 2008

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

District IV 1220 S St Francis Dr., Santa Fe, NM 87505	,		ental Bureau office and provide a copy to the e NMOCD District Office
UUUX I	Pit, Closed-Loop System, ed Alternative Method Pe		
Type of action:	X Permit of a pit, closed-loop system	m, below-grade tank, or pro	posed alternative method
	Closure of a pit, closed-loop system	em, below-grade tank, or pr	oposed alternative method
	Modification to an existing perm		
	Closure plan only submitted for a below-grade tank, or proposed al-	7.5	-permitted pit, closed-loop system,
Instructions: Please submit one app	lication (Form C-144) per individu	al pit, closed-loop system, l	below-grade tank or alternative request
	is request does not relieve the operator of liabilit the operator of its responsibility to comply with		
Operator: ConocoPhillips Company		OGRID#	: 217817
Address: PO Box 4289, Farmington,	NM 87499		
Facility or well name: Newberry B 1N	<u> </u>		
API Number: 30-0	045-34571	OCD Permit Number:	
U/L or Qtr/Qtr: <u>D(NW/NW)</u> Section:	35 Township: 32N	Range: 12W (County: San Juan
Center of Proposed Design: Latitude:	36.947201 °N	Longitude: 108.072	688 °W NAD: 1927 X 1983
Surface Owner: X Federal	State Private Trib	oal Trust or Indian Allotmer	nt
Pit: Subsection F or G of 19.15.17.1	1 NMAC		
Temporary: Drilling Worko	ver		
	itation P&A		
	r type: Thickness mil	LLDPE HDPE	PVC Other
String-Reinforced			
Liner Seams: Welded Fact	ory Other	Volume:bbl Di	mensions L x W x D
	n H of 19.15.17.11 NMAC Drilling a new well Workover or I notice of inten	•	hich require prior approval of a permit or
Drying Pad Above Ground	Steel Tanks Haul-off Bins	Other	
Lined Unlined Liner ty	ype: Thickness mil	LLDPE HDPE	PVD Other

Alternative Method:

Tank Construction material:

Volume:

Liner Type:

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Produced Water

Other

PVC

Liner Seams: Welded

Factory

bbl

X Below-grade tank: Subsection I of 19.15.17.11 NMAC

120

Secondary containment with leak detection

Visible sidewalls and liner

Other

Type of fluid:

Metal

Visible sidewalls only

☐ HDPE

X Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off

LLDPE

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, institu	ition or church	,)
Four foot height, four strands of barbed wire evenly spaced between one and four feet		ĺ
X Alternate. Please specify 4' hogwire fence with a single strand of barbed wire on top.		
7		
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)		
Screen Netting Other		ļ
Monthly inspections (If netting or screening is not physically feasible)		
8 Signs: Subsection C of 19.15.17.11 NMAC		
12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers		
X Signed in compliance with 19.15.3.103 NMAC		
9		
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:		
Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration (Fencing/BGT Liner)	eration of appr	roval.
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 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).	Yes	X 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 application.	Yes	XNo
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	NA	
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	—	
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	□No
(Applied to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	XNA	
	Yes	X 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.	Y es	ANO
- 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.	Yes	X No
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<u></u>	
Within a 100-year floodplain - FEMA map	Yes	XNo

Form C-144 Oil Conservation Division Page 2 of 5

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
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
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
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
12
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. 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
Treviously Approved operating and Mannerlance trail Art
13
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.9 NMAC
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
Climatological Factors Assessment
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
Nuisance or Hazardous Odors, including H2S, Prevention Plan
Emergency Response Plan
Oil Field Waste Stream Characterization
! <u>보</u>
Monitoring and Inspection Plan
Closure Plan - based upon the appropriate requirements of Subsection C of 19,15,17.9 NMAC and 19,15.17.13 NMAC
Closure Figure Dasce upon the appropriate requirements of Subsection C of 19.13.17.7 North C and 19.13.17.13 North C
14
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 X Below-grade Tank Closed-loop System
Alternative
Proposed Closure Method: X Waste Excavation and Removal
Waste Removal (Closed-loop systems only)
On-site Closure Method (only for temporary pits and closed-loop systems)
In-place Burial On-site Trench
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
15
Waste Excavation and Removal Closure Plan Checklist (19.15.17.13 NMAC) Instructions: 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
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
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 I of 19.15.17.13 NMAC
X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

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16		
Waste Removal Closure For Closed-loop Systems That Utilize Above Instructions. Please identify the facility or facilities for the disposal of liq		
facilities are required.		
Disposal Facility Name:	Disposal Facility Permit #:	
Disposal Facility Name	Disposal Facility Permit #:	
Will any of the proposed closed-loop system operations and associated Yes (If yes, please provide the information No	ciated activities occur on or in areas that will nbe used for future	e service and
Required for impacted areas which will not be used for future service and	•	D.C.C
Re-vegetation Plan - based upon the appropriate requiremen	the appropriate requirements of Subsection H of 19.15.17.13 N	NMAC
Site Reclamation Plan - based upon the appropriate requirem		
17 <u>Siting Criteria (Regarding on-site closure methods only:</u> 19 15.	,	•
Instructions Each siting criteria requires a demonstration of compliance in the clo		w Requests regarding changes to
certain siting criteria may require administrative approval from the appropriate di office for consideration of approval. Justifications and/or demonstrations of equiv		Santa Fe Environmental Bureau
Ground water is less than 50 feet below the bottom of the buried v - NM Office of the State Engineer - iWATERS database search; US		Yes No
- NW Office of the State Eligineer - TWATERS database search, OS	OS. Data obtained from hearby wens	
Ground water is between 50 and 100 feet below the bottom of the	buried waste	Yes No
- NM Office of the State Engineer - iWATERS database search; USC	GS; Data obtained from nearby wells	∐N/A
Ground water is more than 100 feet below the bottom of the burie	ed waste.	Yes No
- NM Office of the State Engineer - iWATERS database search; USC	GS, Data obtained from nearby wells	□N/A
Within 300 feet of a continuously flowing watercourse, or 200 feet of any (measured from the ordinary high-water mark)	other significant watercourse or lakebed, sinkhole, 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 application	Yes No
- Visual inspection (certification) of the proposed site; Aerial photo, s	satellite image	
		∐Yes ∐No
Within 500 horizontal feet of a private, domestic fresh water well or spring purposes, or within 1000 horizontal fee of any other fresh water well or sp		
- NM Office of the State Engineer - IWATERS database, Visual inspe	-	
Within incorporated municipal boundaries or within a defined municipal fr		Yes No
pursuant to NMSA 1978, Section 3-27-3, as amended	and the in-d from the manifolds	
 Written confirmation or verification from the municipality; Written Within 500 feet of a wetland 	approval obtained from the municipality	☐Yes ☐No
- US Fish and Wildlife Wetland Identification map; Topographic map	p; Visual inspection (certification) of the proposed site	
Within the area overlying a subsurface mine.		Yes No
- 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 C	Geology & Mineral Resources; USGS, NM Geological Society,	
Topographic map Within a 100-year floodplam.	•	Yes No
- FEMA map	,	
18		
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instruct by a check mark in the box, that the documents are attached.	tions: Each of the following items must bee attached to the cl	osure plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon to	he appropriate requirements of 19.15.17.10 NMAC	•
Proof of Surface Owner Notice - based upon the appropria	ate requirements of Subsection F of 19.15.17.13 NMAC	
Construction/Design Plan of Burial Trench (if applicable)	based upon the appropriate requirements of 19.15.17.11 NMA	c
	urial of a drying pad) - based upon the appropriate requiremen	ts of 19.15.17.11 NMAC
Protocols and Procedures - based upon the appropriate req	uirements of 19.15.17.13 NMAC	
Confirmation Sampling Plan (if applicable) - based upon t	he appropriate requirements of Subsection F of 19.15.17.13 N	MAC
Waste Material Sampling Plan - based upon the appropriate	•	
	rilling fluids and drill cuttings or in case on-site closure standar	rds cannot be achieved)
Soil Cover Design - based upon the appropriate requireme		
Re-vegetation Plan - based upon the appropriate requirements		
Site Reclamation Plan - based upon the appropriate require	ements of Subsection G of 19.15.17.13 NMAC	

Form C-144

19 Operator Application Certification:		'
I hereby certify that the information submitted with this application is true	, accurate and complete to the	best of my knowledge and belief.
Name (Print): Dollie L Busse	Title:	Staff Regulatory Technician
Signature:	Date:	11/20/09
e-mail address: dollie.l.busse@conocophillips.com	Telephone:	505-324-6104
20 OCD Approval: Permit Application (including closure plan	Closure Plan (only	y) OCD Conditions (see attachment)
OCD Representative Signature: 3 Small C	sell_	Approval Date: /-5-270
Title: Emino/spec	OCD Per	rmit Number:
Closure Report (required within 60 days of closure completion Instructions: Operators are required to obtain an approved closure plan preport is required to be submitted to the division within 60 days of the comproved closure plan has been obtained and the closure activities have be	orior to implementing any closi npletion of the closure activitie neen completed	ure activities and submitting the closure report. The closure
22 Closure Method:		
Waste Excavation and Removal On-site Closure Met	hod Alternative Closur	re Method Waste Removal (Closed-loop systems only)
If different from approved plan, please explain.	_	
23		
Closure Report Regarding Waste Removal Closure For Closed-loop S Instructions: Please identify the facility or facilities for where the liquid were utilized.		
Disposal Facility Name.	Dısposal Facili	ty Permit Number:
Disposal Facility Name:	Disposal Facili	ty Permit Number.
Were the closed-loop system operations and associated activities perfo		be used for future service and opeartions?
Yes (If yes, please demonstrate compliane to the items below)	∐No	
Required for impacted areas which will not be used for future service of Site Reclamation (Photo Documentation)	and operations:	
Soil Backfilling and Cover Installation		
Re-vegetation Application Rates and Seeding Technique		
24		
Closure Report Attachment Checklist: Instructions: Each of t	he following items must be att	ached to the closure report. Please indicate, by a check mark in
the box, that the documents are attached.		
Proof of Closure Notice (surface owner and division)		
Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits)		
Confirmation Sampling Analytical Results (if applicable)		
Waste Material Sampling Analytical Results (if applicable)		
Disposal Facility Name and Permit Number		
Soil Backfilling and Cover Installation		
Re-vegetation Application Rates and Seeding Technique		
Site Reclamation (Photo Documentation)		
On-site Closure Location: Latitude:	Longitude:	NAD 1927 1983
25	·····	
Operator Closure Certification: I hereby certify that the information and attachments submitted with this c the closure complies with all applicable closure requirements and conditions.		
Nama (Print)	Title	· · · · · · · · · · · · · · · · · · ·
· /		
Signature:	Date:	
e-mail address:	Telephone:	



New Mexico Office of the State Engineer Water Column/Average Depth to Water

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

	_	(quarters	s are s	sma	llest	to larg	est) (N	NAD83 UTN	/l in meters)		(In feet)	
The state of the s	u b	May you a marker !	Q Q	عوايا نامه					7.54	Depth C	Depth. Wa	iter
ROD Number ba	sin Use (County	64 16	4	Sec	Tws	Rng	X	Y	Well	VaterCol	umn
SJ 00055	IND	SJ		2	25	32N	12W	229105	4094796*	504		
SJ 01106	DOM	SJ	4	3	35	32N	12W	226851	4092240*	180	115	65
								Avera	age Depth to) Water:	115 feet	
									Minimum	Depth:	115 feet	
									Maximum	Depth:	115 feet	

Record Count: 2

PLSS Search:

Section(s): 25, 26, 27, 34, Township: 32N Range: 12W

35, 36

*UTM location was derived from PLSS - see Help



New Mexico Office of the State Engineer Water Column/Average Depth to Water

	(quarte	ers a	re:	sma	allest	to larg	est)	(NAD83 UTN	/ in meters)		(In feet)	1 Accordings
Sub		2	12		ale and				10 m 1 m 1 m 1 m 2 m 2 m 2 m 2 m 2 m 2 m 2	Art Torri Millerii	epth Wa	Sec. 1993
POD Number basin Use	County	64	16	4	Sec	Tws	Rng		Mark Parlace Year	Well W	/aterColi	imn
SJ 01649 DOM	SJ	4	3	4	01	31N	12W	228764	4090461*	220	161	59
SJ 01660 DOM	SJ	3	3	4	01	31N	12W	228564	4090461*	320	275	45
SJ 02034 DOM	SJ	,	3	4	01	31N	12W	228665	4090562*	85	55	30
SJ 02099 DOM	SJ		4	4	01	31N	12W	229006	4090568*	95		
SJ 03022 , DOM	SJ	2	3	4	01	31N	12W	228764	4090661*	490	250	240
SJ 03134 DOM	SJ	2	3	4	01	31N	12W	228764	4090661*	80	20	60
SJ 03488 DOM	SJ	2	3	3	01	31N	12W	228084	4090678*	150		
SJ 03660 DOM	SJ	4	3	4	01	31N	12W	228764	4090461*	70	42	28
SJ 03738 POD1 DOM	SJ	3	1	4	01	31N	12W	228612	4090866*	115	50	65
								Avera	age Depth to	Water:	121 feet	
									Minimum	Depth:	20 feet	
									Maximum	Depth:	275 feet	

Record Count: 9

PLSS Search:

Section(s): 1, 2, 3,

Township: 31N

Range: 12W

^{*}UTM location was derived from PLSS - see Help

·Form	3160-4
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UNITED STATES DEPARTMENT OF THE INTERIOR DIDENLAS AND MANACEMENT

SUBJECT IN DUPLICATE:	FOR APPROVED
(Gog sther in-	CMB NO. 1004-0137
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										1	PARISH San Juan	New Mexico	
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ASING SIZ	E/GRADE		HT, LB IFT		SET (MD)	HOLE SIZE			CEMENTING REC	ORD		ADUNT PULLED	_
9 5/8" 7"	·		F, H-40	_	31 ⁴ 730 ⁴	12 1/4" 8 3/4°°	surface; 76		(122 cf)		5 bbls		_
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			LINER RE				30. TOC 2	34	So'	π	IBING RECORD		_
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*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any talse, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ACCEPTED FOR RECURD

AUG 2 1 2008

FARDENCTION FIELD OFFICE BY To Service S

TIERRA CORROSION CONTROL, INC. DRILLING LOG

DATE: February 3, 2009 COMPANY: Conoco Phillips LOCATION: Newberry B 1N

LEGALS: S35 T32N R12W

COUNTY: San Juan

STATE: NM

DRILLER: Lemuel Willie

BIT SIZE: 6 %"

CASING SIZE/TYPE: 20' X 8" PVC

DEPTH: 300' VENT PIPE: 300'

PERF PIPE: 140' - 300'

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ANODE TYPE: 2" X 60" Duriron

ANODE AMOUNT: 10

LBS COKE BACKFILL: 2,500#

COKE TYPE: Asbury

BOULDER DRILLING: None

DEPTH	DRILLER'S LOG	AMPS	DEPTH	DRILLER'S LOG	AMPS
20	Shale		310		
25			315	····	
30		7.6	320		
35		7.4	325	- No. 2 No. 91 - 1000 / Made dat 1 17999 /-	
40		7.4	330		
45 50		7.4	335 340		
55		7.4 1.8	345		
60	····	1.8	350		
65	4	1.6	355		
70	Sandstone	1.6	360		
75		1.3	365		
80		1.3	370		_
85		.9	375		
90		7	380		
95		1.9	385		
100		1.7	390		
105		1.7	395		
110	<u> </u>	1.7	400	······································	
115 120	Shale	2.0	405		
125		2.0	410		
130		2.1	415 420		
135		2.5	425		
140		2.8	430		+
145		2.5	435		
150		2.6	440		
155		2.4	445		
160		2.3	450		
165		2.2	455		
170	A	2.1	460		
175	Sandstone	1.8	465		
180		1.9	470		
185		1.7	475		
190	Shale	2.1	480	· AND VICE	
195 200		2.1	485 490		
205		1.9	495		
210		1.8	500		
215		2.1	1-555		
220		2.3		7	
225		3.0			
230		3.8			
235		3.6			
240		3.7			
245		3.9			
250		3.6			
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	ANODE #	DEPTH	NO COKE	COKE
ı	1	28 0	3.5	4.8
	2	270	4.3	5.6
	2 3 4	260	4.3	5.6
	. 4	250	3.6	6.7
ı	5	240	3.7	7.2
	6	230	3.8	7.6
۱	7	220	2.3 1.8	6.9
	8	210		4.2
ı	9	200	7.0	4.4
	10	190	7.1	4.4
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WATER DEPTH: None ISOLATION PLUGS: LOGING VOLTS: 10.1

VOLT SOURCE: AUTO BATTERY

TOTAL AMPS: 17.5

TOTAL GB RESISTANCE: .57

REMARKS:

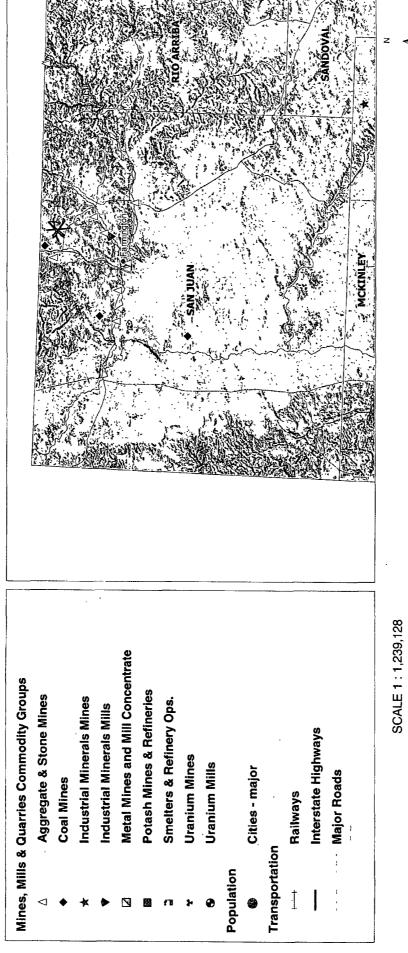
OCD CATHODIC PROTECTION DEEPWELL GROUNDBED REPORT DATA SHEET: NORTHWESTERN NEW MEXICO

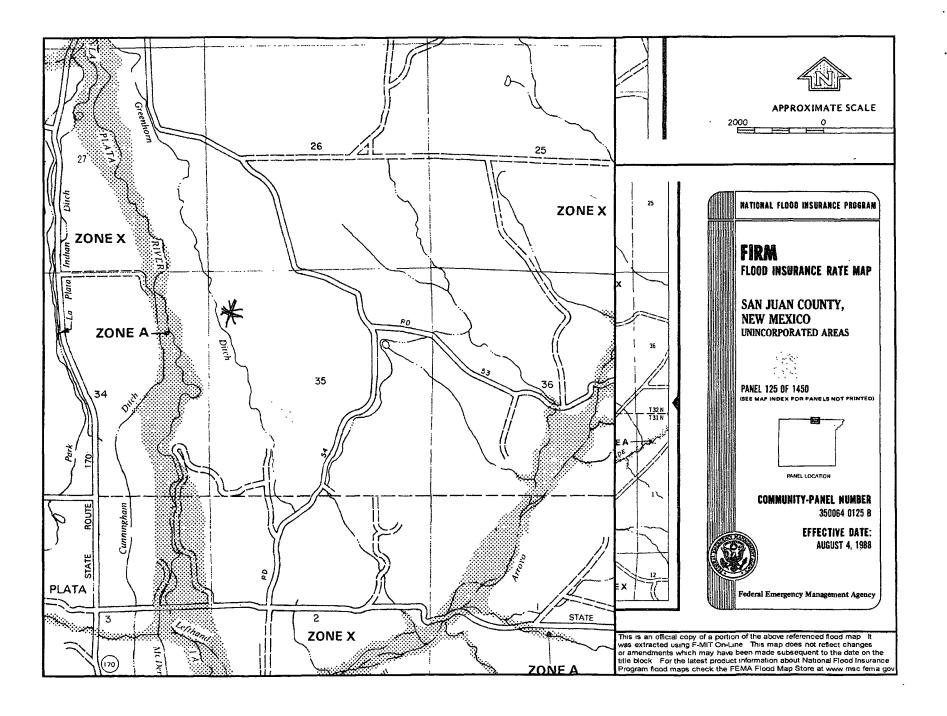
LOCATION INFORMATION API Number 30-045-3457 (
WELL HAME OR PPELINE SERVED: NEW BERRY 13 # W LEGAL LOCATION 35,32,12 INSTALLATION DATE 2/3/9
PPCO. RECTURER NO.: ADDITIONAL WELLS:
TYPE OF LEASE: NMX-078146
CROUND BED INFORMATION TOTAL DEPTH: 360' CASING DIAMETER: 8" TYPE OF CASING. PVC. CASING DEPTH: 20' CASING CEMENTED: 100 TOP ANDRE DEPTH: 196' BOTTOM ANGDE DEPTH: 200' ANODE DEPTHS: 280; 270', 200', 250', 280', 230', 220', 200', 196' AMOUNT OF COKE. Z600/65
WATER DEPTH IL NAME WATER DEPTH 121: NONE GAS DEPTH None CHMENT PLUGS: None
OTHER INFORMATION TOP OF VILIT PERFORMATIONS: 1901 VEHT PERFORME 3001 REMARKS:

IF ANY OF THE ABOVE DATA IS UNAVAILABLE, PLEASE INDICATE SO. COPIES OF ALL LOGS, INCLUDING DRILLERS LOGS, WATER ANALYSIS, AND WELL BORE SCHEMATICS SHOULD BE SUBMITTED WHEN AVAILABLE. UNPLUGGED UNABANDONED WELLS ARE TO BE INCLUDED.

*- LAND TYPE MAY BE SHOWN: F-FEDERAL; I-INDIAN; S-STATE; P-FEE IF FEDERAL OR INDIAN, ADD LEASE NUMBER.

Newberry B 1N Mines, Mills and Quarries Web Map





Siting Criteria Compliance Demonstration & Hydro Geologic Analysis

The Newberry B 1N is not located in an unstable area. The location is not over a mine and is not on the side of a hill as indicated on the Mines, Mills and Quarries Map and Topographic Map. The location of the excavated pit material will not be located within 300' of any continuously flowing watercourse or 200' from any other watercourse as indicated on the Topographic Map. The location is not within a 100-year floodplain area as indicated on the FEMA Map. The Cathodic. The subject well has an elevation of 6290' and the groundwater depth is greater than 300'. There are no iWATERS data points located in the area as indicated on the TOPO Map. The hydro geologic analysis indicates the groundwater depth and the Nacimiento formation will create a stable area for this new location.

Hydrogeological Report for Newberry B 1N

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 commformably 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.

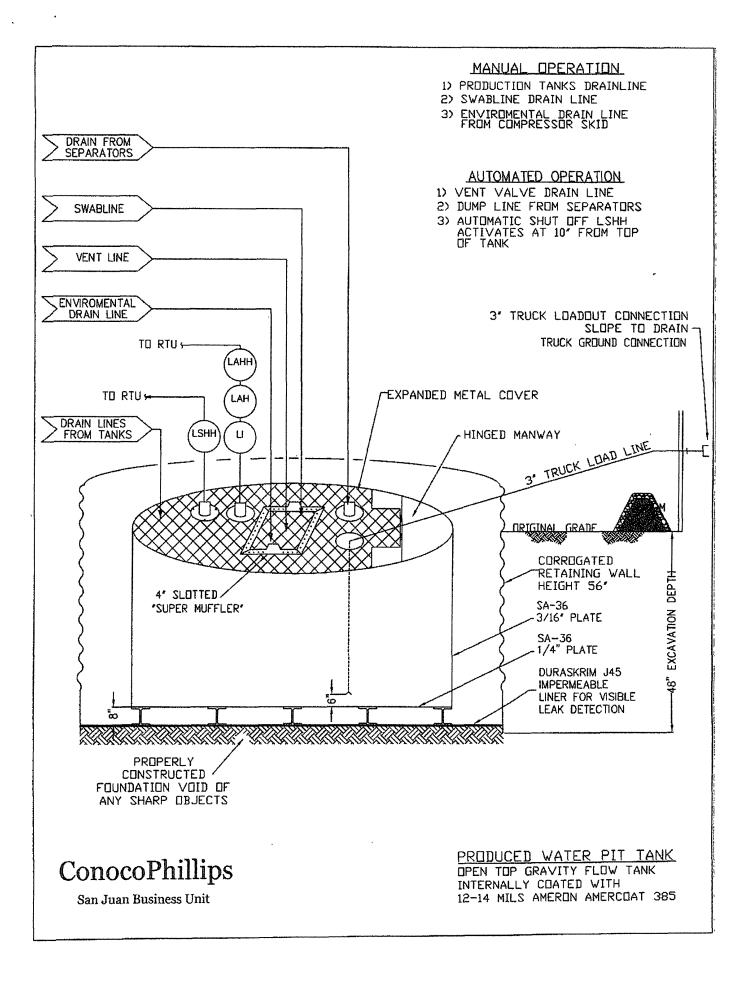
ConocoPhillips Company San Juan Basin Below Grade Tank Design and Construction

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.
- 2. COPC signage 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.
- 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.
- 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.



DURA-SKRIM®

J80, J86 & J45

PROPERTIES	TEST METHOD	J3	OBB :	J36	BB	J45	BB
		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages
Appearance		Black/Black		Black/Black		Black/Black	
Thickness	ASTM D 5199	27 mil	30 mil	32 mil	36 mil	40 mil	45 mil
Weight Lbs Per MSF. (oz/yd²)	ASTM D 5261	126 lbs (18.14)	140 lbs (20.16)	151 lbs (21.74)	168 lbs (24.19)	189 lbs (27.21)	210 lbs (30.24)
Construction		**Extrusion laminated with encapsulated tri-directional 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 Elondation @ 100 Break: % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	650 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD
1. Ténsile Elongation @ Reak % (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	180° F	180° F	180° F	180° F	180° F
Minimum Use Temperature		-70° F	-70° F	-70° F	-70° F	-70° F	-70° F

MD = Machine Direction DD = Diagonal Directions



INDUSTRIES

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 Sloux 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 WARRANTES, 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 multiskilled operators (MSOs) are required to visit each well location once per week. If detected on either inspection, COPC shall remove any visible or measurable layer of oil from the fluid surface of a below-grade tank in an effort to prevent significant accumulation of oil overtime. The written record of the monthly inspections will include the items listed above and will be maintained for five years.
- 5. COPC shall require and maintain a 10" adequate freeboard to prevent overtopping of the below-grade tank.
- 6. If the below grade tank develops a leak, or if any penetration of the pit liner or below grade tank, occurs below the liquid's surface, then COPC shall remove all liquid above the damage or leak line within 48 hours. COPC shall notify the appropriate district office. COPC shall repair or replace the pit liner or below grade tank, within 48 hours of discovery. If the below grade tank or pit liner does not demonstrate integrity, COPC shall promptly remove and install a below grade tank or pit liner that complies with Subsection I of 19.15.17.11 NMAC. COPC shall notify the appropriate district office of a discovery of leaks less than 25 barrels as required pursuant to Subsection B of 19.15.3.116 NMAC shall be reported within twenty-four (24) hours of discovery of leaks greater than 25 barrels. In addition, immediate verbal notification pursuant to Subsection B, Paragraph (1), and Subparagraph (d) of 19.15.3.116 NMAC shall be reported to the division's Environmental Bureau Chief.

ConocoPhillips Company San Juan Basin Below Grade Tank Closure Plan

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

General Requirements:

- 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 f19.15.17.11 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.
- 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.
- 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 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