Received by OCD: 9/16/2021 4:27:27 PM

District I

1625 N. French Dr., Hobbs, NM 88240

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

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 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 BGT 1 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 ta

	OGRID#: 217817
Address: PO Box 4289, Farmington, NM 87499	
acility or well name: MICHENER A LS 3	
API Number: 3004507201 OCD Permit	Number:
V/L or Qtr/Qtr: D Section: 28 Township: 28N Range: Center of Proposed Design: Latitude: 36.637531°N Longitude	9W County: San Juan
String-Reinforced	E HDPE PVC Other bbl Dimensions L x W x D
Drying Pad Above Ground Steel Tanks Haul-off Bins Other	lies to activities which require prior approval of a permit or HDPE PVD Other
Relow-grade tank: Subsection I of 19.15.17.11 NMAC	d automatic overflow shut-off

Oil Conservation Division

Page 1 of

ived by OCD: 9/16/2021 4:27:27 PM	Page 2
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, hospin	tal, institution or church)
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 Other Other	
Monthly inspections (If netting or screening is not physically feasible)	
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 Source For Foreign	
	r consideration of approval.
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
0	
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)	□NA □
- 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.	DVas DNa
(Applied to permanent pits)	X NA
 Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	ANA
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
- Written confirmation or verification from the municipality; Written approval obtained from the municipality	
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes XNo
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes XNo
Within an unstable area.	
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	Yes XNo
Vithin a 100-year floodplain - FEMA map	Yes XNo

Oil Conservation Division

Page 2 of 5

Temporary Pits, Emergency Pits and Below-gr	grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15 17.9 NMAC
	The approximation. Freuse indicate, by a check mark in the box that the documents are set at a
Trydrogeologic Report (Below-grade Tanks	s) - based upon the requirements of Paragraph (4) of Subsection R of 10.15.17.0 NMAG
Hydrogeologic Data (Temporary and Emer	rgency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9
X Siting Criteria Compliance Demonstrations	s - based upon the appropriate requirements of 19.15.17.10 NMAC
X Design Plan - based upon the appropriate re	requirements of 19 15 17 11 NMAC
X Operating and Maintenance Plan - based ur	pon the appropriate requirements of 19.15.17.12 NMAC
X Closure Plan (Please complete Boxes 14 th	prough 18 if applicable), beautions of 19.15.17.12 NMAC
- and in the line	
Previously Approved Design (attach copy of de	esign) API or Permit
Geologic and Hydrogeologic Data (only for Siting Criteria Compliance Demonstrations Design Plan - based upon the appropriate re Operating and Maintenance Plan - based upon MAC and 19.15.17.13 NMAC Previously Approved Design (attach copy of design Previously Approved Operating and Maintenance Plan - based upon Previously Approved Operating and Maintenance Hydrogeologic Report - based upon the requipations: Each of the following items must be attacked by the following items in the provious of the following items is the following item	sign) API Subsection B of 19.15.17.9 NMAC Ched to the application. Please indicate, by a check mark in the box, that the documents are attached. Signinger the appropriate requirements of 19.15.17.10 NMAC Subsection B of 19.15.17.9 NMAC Ched to the application. Please indicate, by a check mark in the box, that the documents are attached. Subsection B of 19.15.17.10 NMAC The propriate requirements of 19.15.17.11 NMAC Support the appropriate requirements of 19.15.17.11 NMAC Topicate requirements of 19.15.17.11 NMAC Subsection B of 19.15.17.11 NMAC Support the appropriate requirements of 19.15.17.11 NMAC Topicate requirements of 19.15.17.11 NMAC Support the appropriate requirements of 19.15.17.11 NMAC Topicate requirements of 19.15.17.11 NMAC The propriate requirements of 19.15.17.11 NMAC
Proposed Closure: 19.15.17.13 NMAC	
Instructions: Please complete the applicable boxes, Boxe	es 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	d Removal (Below-Grade Tank)
Waste Removal (Close	sed-loop systems only)
On-site Closure Metho	od (only for temporary pits and closed-loop systems)
In-place B	Burial On-site Trench
	fethod (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
Alternative Closure M	Consideration)
15	
15 Waste Excavation and Removal Closure Plan Chee	cklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the classical and the company of the standard to the classical and
15 Waste Excavation and Removal Closure Plan Chee Please indicate, by a check mark in the box, that the docu	ecklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.
Waste Excavation and Removal Closure Plan Chee Please indicate, by a check mark in the box, that the docu X Protocols and Procedures - based upon the appr	ropriate requirements of 19.15.17.13 NMAC
Waste Excavation and Removal Closure Plan Chee Please indicate, by a check mark in the box, that the docu X Protocols and Procedures - based upon the appr X Confirmation Sampling Plan (if applicable) - ba	propriate requirements of 19.15.17.13 NMAC ased upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
Waste Excavation and Removal Closure Plan Chee Please indicate, by a check mark in the box, that the docu X Protocols and Procedures - based upon the appr X Confirmation Sampling Plan (if applicable) - ba X Disposal Facility Name and Permit Number (fo	ased upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC or liquids, drilling fluids and drill cuttings)
Waste Excavation and Removal Closure Plan Chee Please indicate, by a check mark in the box, that the docu X Protocols and Procedures - based upon the appr X Confirmation Sampling Plan (if applicable) - ba X Disposal Facility Name and Permit Number (fo	ased upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC or liquids, drilling fluids and drill cuttings) - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
Waste Excavation and Removal Closure Plan Chee Please indicate, by a check mark in the box, that the docu X Protocols and Procedures - based upon the appr X Confirmation Sampling Plan (if applicable) - ba X Disposal Facility Name and Permit Number (fo X Soil Backfill and Cover Design Specifications - X Re-vegetation Plan - based upon the appropriate	ased upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC or liquids, drilling fluids and drill cuttings)

16		
Waste Removal Closure For Closed loop Systems That Title	ve Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMA) liquids, drilling fluids and drill cuttings. Use attachment if more than to	C) wo facilities
Disposal Facility Name:	Disposal Facility Permit #:	
Disposal Facility Name:		
Will any of the proposed closed-loop system operations and assoc	ciated activities occur on or in areas that will not be used for future o	re service and operations?
Required for impacted areas which will not be used for future service a Soil Backfill and Cover Design Specification - based upor Re-vegetation Plan - based upon the appropriate requirem Site Reclamation Plan - based upon the appropriate requirem	the appropriate requirements of Subsection H of 19.15.17.13 NM ents of Subsection I of 19.15.17.13 NMAC	MAC
Siting Criteria (Regarding on-site closure methods only: 19.1 Instructions: Each siting criteria requires a demonstration of compliance in the certain siting criteria may require administrative approval from the appropriat for consideration of approval. Justifications and/or demonstrations of equivale	closure plan. Recommendations of acceptable source material are provided to	pelow. Requests regarding changes to the Santa Fe Environmental Bureau office
Ground water is less than 50 feet below the bottom of the buried v	vaste.	Yes No
- NM Office of the State Engineer - iWATERS database search; US	SGS: Data obtained from nearby wells	I IN/A
Ground water is between 50 and 100 feet below the bottom of the	buried waste	
- NM Office of the State Engineer - iWATERS database search; US	GS; Data obtained from nearby wells	Yes No
Ground water is more than 100 feet below the bottom of the burier		□ N/A
NM Office of the State Engineer - iWATERS database search; USG	GS: Data obtained from pearby walls	Yes No
		□ N/A
Within 300 feet of a continuously flowing watercourse, or 200 feet of any (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed		Yes No
Within 300 feet from a permanent residence, school, hospital, institution, - Visual inspection (certification) of the proposed site; Aerial photo; s	or church in existence at the time of initial application. atellite image	Yes No
Within 500 horizontal feet of a private, domestic fresh water well or sprin purposes, or within 1000 horizontal fee of any other fresh water well or sp - NM Office of the State Engineer - iWATERS database; Visual inspe	oring, in existence at the time of the initial application. ction (certification) of the proposed site.	Yes No
pursuant to NMSA 1978, Section 3-27-3, as amended.	fresh water well field covered under a municipal ordinance adopted	Yes No
 Written confirmation or verification from the municipality; Written Within 500 feet of a wetland 	approval obtained from the municipality	
- US Fish and Wildlife Wetland Identification map; Topographic map	; Visual inspection (certification) of the proposed site	Yes No
Within the area overlying a subsurface mine.		Yes No
- Written confirantion or verification or map from the NM EMNRD-N	dining and Mineral Division	L res LNo
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of G Topographic map	eology & Mineral Resources; USGS; NM Geological Society;	Yes No
Within a 100-year floodplain.		
- FEMA map		Yes No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instruction by a check mark in the box, that the documents are attached.	ns: Each of the following items must bee attached to the closur	e plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the	appropriate requirements of 19 15 17 10 NMAC	
Proof of Surface Owner Notice - based upon the appropriate i	requirements of Subsection F of 19.15.17.13 NMAC	
Construction/Design Plan of Burial Trench (if applicable) bas	ed upon the appropriate requirements of 19.15.17.11 NMAC	
Construction/Design Plan of Temporary Pit (for in place buria	of a drying pad) - based upon the appropriate requirements of 19	15 17 11 NIMAG
1 rotocols and Procedures - based upon the appropriate require	ements of 19.15.17.13 NMAC	TO THE TOWN
Confirmation Sampling Plan (if applicable) - based upon the a	ppropriate requirements of Subsection F of 19.15.17.13 NMAC	
Waste Material Sampling Plan - based upon the appropriate re	quirements of Subsection F of 19.15.17.13 NMAC	
Disposal Facility Name and Permit Number (for liquids, drilling)	ng fluids and drill cuttings or in case on-site closure standards can	not be achieved)
Soil Cover Design - based upon the appropriate requirements Re-vegetation Plan - based upon the appropriate requirements Site Reclamation Plan - based upon the appropriate requirement	of Subsection H of 19.15.17.13 NMAC of Subsection I of 19.15.17.13 NMAC	
apon the appropriate requirement	ins of Subsection C of 19.15.17.13 NMAC	

Oil Conservation Division

Page 4 of 5

Operator Applicatio Thereby certify that the	m Ctrinication.
	information submitted with this application is true, accurate and complete to the best of my knowledge and belief.
Name (Print):	Crystal Tafoya Title: Regulatory Technician
Signature:	- to Tay - 2
e-mail address:	Control (16 19 19 19 19 19 19 19 19 19 19 19 19 19
	Telephone: 505-326-9837
OCD Approval:	Permit Application (including closure plan) Closure Plan (only) COCD Conditions (see attachment)
OCD Representative	e Signature: CRWhitehead Approval Date: September 27, 2021
Title: Enviror	nmental Specialist OCD Permit Number: BGT 1
21	
Closure Report (requ	uired within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC
maria mona. Operators a	are required to oblain an approved closure plan prior to implanation and the contract of the c
	submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an as been obtained and the closure activities have been completed.
· ·	and the closure at armies have been completed.
	Closure Completion Date:
12	
Closure Method:	
Waste Excavation	Waste Removal (Closed-loop systems only)
If different from a	approved plan, please explain.
osure Report Regardi	ing Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:
structions: Please iden	utify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities
Disposal Facility Name	Disposal Pacility Permit Number:
Disposal Facility Name	Disposal Facility Permit Number
Were the closed-loop s	system operations and associated activities performed on or in areas that will not be used for future service and associated
ics (ii yes, please	e demonstrate complifane to the items below) No
Required for impacted	areas which will not be used for future service and operations:
Site Reclamation ((Photo Documentation)
	nd Cover Installation
Re-vegetation App	plication Rates and Seeding Technique
Closure Report Atta	achment Checklist: Instructions: Each of the following items must be attached to the closure server. Plant it is
	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in nents are attached.
Proof of Closure	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in Notice (surface owner and division)
Proof of Closure Proof of Deed No	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in Notice (surface owner and division) otice (required for on-site closure)
Proof of Closure Proof of Deed No	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in Notice (surface owner and division)
Proof of Closure Proof of Deed No Plot Plan (for on-s	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in Notice (surface owner and division) otice (required for on-site closure)
Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation San	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in Notice (surface owner and division) otice (required for on-site closure) esite closures and temporary pits) mpling Analytical Results (if applicable)
Proof of Closure Proof of Deed No Plot Plan (for on- Confirmation San Waste Material Sa	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in notice (surface owner and division) otice (required for on-site closure) osite closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable)
Proof of Closure Proof of Deed No Plot Plan (for on- Confirmation San Waste Material Sa Disposal Facility	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in nents are attached. Notice (surface owner and division) otice (required for on-site closure) -site closures and temporary pits) -mpling Analytical Results (if applicable) -ampling Analytical Results (if applicable) Name and Permit Number
Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation San Waste Material Sa Disposal Facility Soil Backfilling ar	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in ments are attached. Notice (surface owner and division) otice (required for on-site closure) -site closures and temporary pits) -mpling Analytical Results (if applicable) -fampling Analytical Results (if applicable) -Name and Permit Number
Closure Report Atta the box, that the docum Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility I Soil Backfilling ar Re-vegetation App	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in ments are attached. Notice (surface owner and division) otice (required for on-site closure) esite closures and temporary pits) empling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation eplication Rates and Seeding Technique
Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility ! Soil Backfilling ar Re-vegetation App	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in ments are attached. Notice (surface owner and division) otice (required for on-site closure) site closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation uplication Rates and Seeding Technique (Photo Documentation)
Closure Report Atta the box, that the docum Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation San Waste Material Sa Disposal Facility Soil Backfilling ar Re-vegetation App Site Reclamation (achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in ments are attached. Notice (surface owner and division) otice (required for on-site closure) site closures and temporary pits) mpling Analytical Results (if applicable) sampling Analytical Results (if applicable) Name and Permit Number and Cover Installation uplication Rates and Seeding Technique (Photo Documentation)
Closure Report Atta the box, that the docum Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation San Waste Material Sa Disposal Facility Soil Backfilling ar Re-vegetation App Site Reclamation (achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in ments are attached. Notice (surface owner and division) otice (required for on-site closure) site closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation uplication Rates and Seeding Technique (Photo Documentation)
Closure Report Atta the box, that the docum Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation San Waste Material Sa Disposal Facility ! Soil Backfilling ar Re-vegetation App Site Reclamation (On-site Closure Lo	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in ments are attached. Notice (surface owner and division) otice (required for on-site closure) onesite closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation optication Rates and Seeding Technique (Photo Documentation) occation: Latitude:
Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation San Waste Material Sa Disposal Facility ! Soil Backfilling ar Re-vegetation App Site Reclamation (On-site Closure La	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in ments are attached. Notice (surface owner and division) otice (required for on-site closure) on-site closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation pplication Rates and Seeding Technique (Photo Documentation) ocation: Latitude:
Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation San Waste Material Sa Disposal Facility I Soil Backfilling ar Re-vegetation App Site Reclamation (On-site Closure Le	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in ments are attached. Notice (surface owner and division) otice (required for on-site closure) site closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation uplication Rates and Seeding Technique (Photo Documentation) ocation: Latitude: Longitude: NAD 1927 1983
Closure Report Atta the box, that the docum Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation San Waste Material Sa Disposal Facility I Soil Backfilling ar Re-vegetation App Site Reclamation (On-site Closure Lo	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in ments are attached. Notice (surface owner and division) otice (required for on-site closure) on-site closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation pplication Rates and Seeding Technique (Photo Documentation) ocation: Latitude:
Closure Report Atta the box, that the docum Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation San Waste Material Sa Disposal Facility I Soil Backfilling ar Re-vegetation App Site Reclamation (On-site Closure Lo	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in ments are attached. Notice (surface owner and division) otice (required for on-site closure) site closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation uplication Rates and Seeding Technique (Photo Documentation) ocation: Latitude:
Closure Report Atta the box, that the docum Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation San Waste Material Sa Disposal Facility! Soil Backfilling an Re-vegetation App Site Reclamation (On-site Closure Le	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in ments are attached. Notice (surface owner and division) otice (required for on-site closure) site closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation plication Rates and Seeding Technique (Photo Documentation) ocation: Latitude: Longitude: NAD 1927 1983 fication: princation and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that ill applicable closure requirements and conditions specified in the approved closure plan. Title:
Closure Report Atta the box, that the docum Proof of Closure Proof of Deed No Plot Plan (for on-s Confirmation San Waste Material Sa Disposal Facility I Soil Backfilling ar Re-vegetation App Site Reclamation (On-site Closure Lo	achment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in ments are attached. Notice (surface owner and division) otice (required for on-site closure)

Oil Conservation Division

Page 5 of 5

New Mexico Office of the State Engineer POD Reports and Downloads

To	ownship: 28N	Range: 09W	Sections	s:					
NAD	27 X:	Y:	Zone:		∃ Sea	rch Radi	us:		
County:	▼ Basin	n:		· N	umber:		Suffix:		
Owner Name: (First)	(Last			C Non-	Domesti	c C Don	nestic •	All
POD / Sur	face Data Report	Av	g Depth to V	Vater Rep	ort	Wa	ter Column	Report	
		Clear Form	iWATER	S Menu	Help				
	(COLUMN R		8/21/20	800			
POD Number SJ 03746 POD1	(quarters ar (quarters ar Tws Rng 28N 09W	e biggest to Sec q q q	3=SW 4=SE smallest Zone)) x	¥	Depth Well	Depth Water	Water	(in

Record Count: 3

SJ 00018

SJ 02800

28N 09W 20 3 1 4

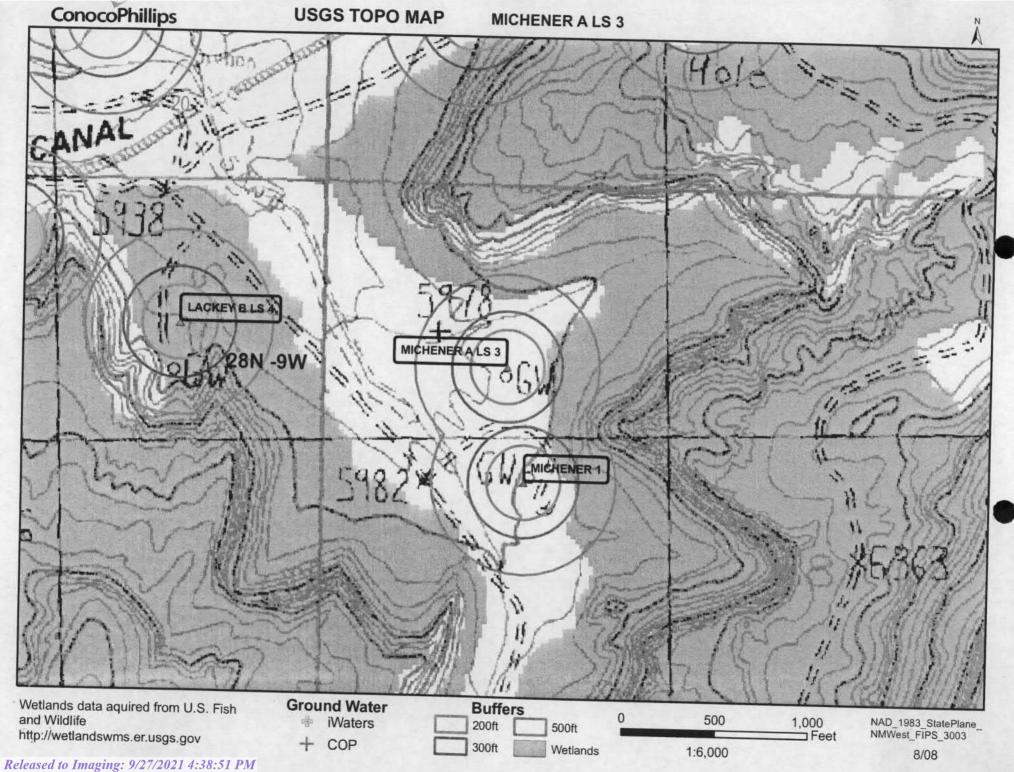
28N 09W 24 4 2 3

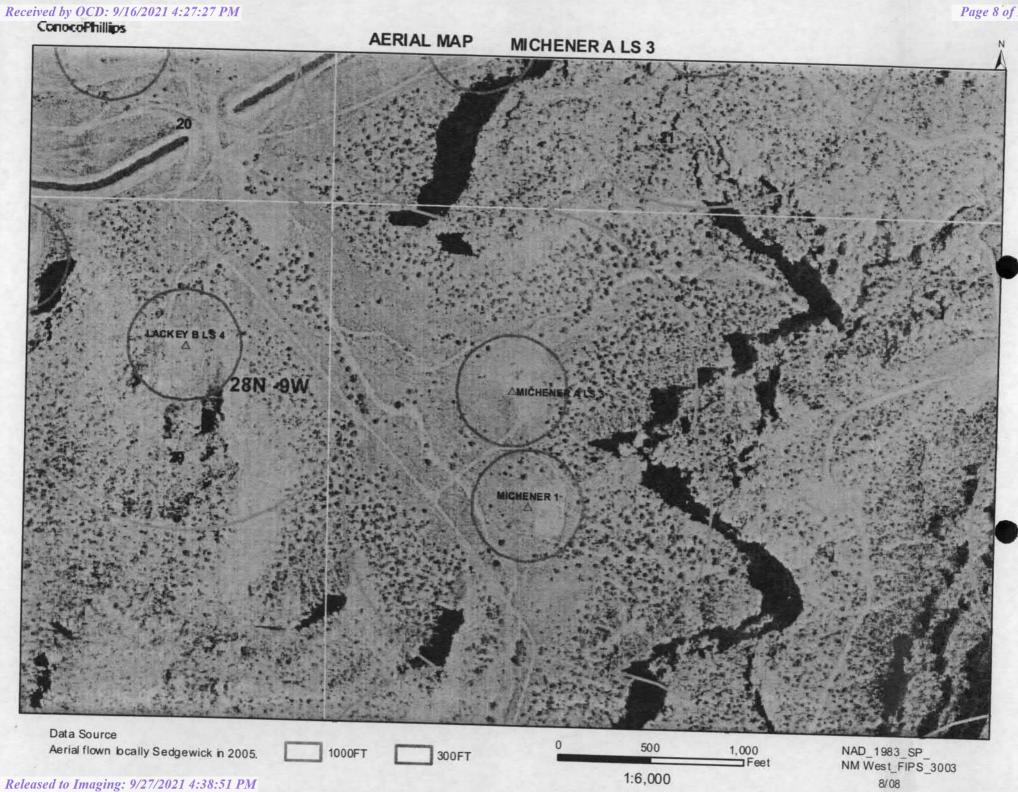
64

135

200

71

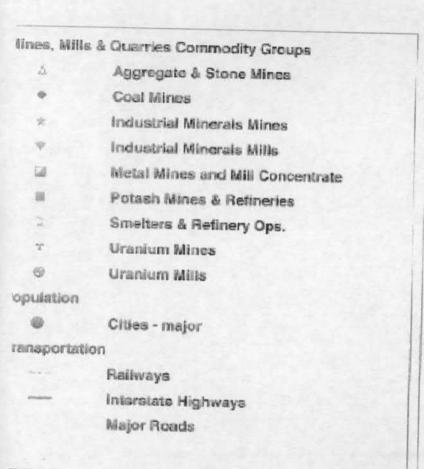


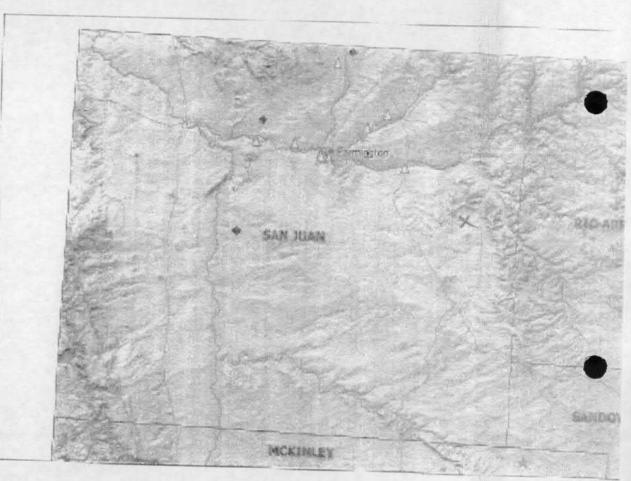


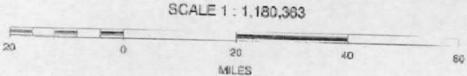
Mines, Mills and Quarries Web Map

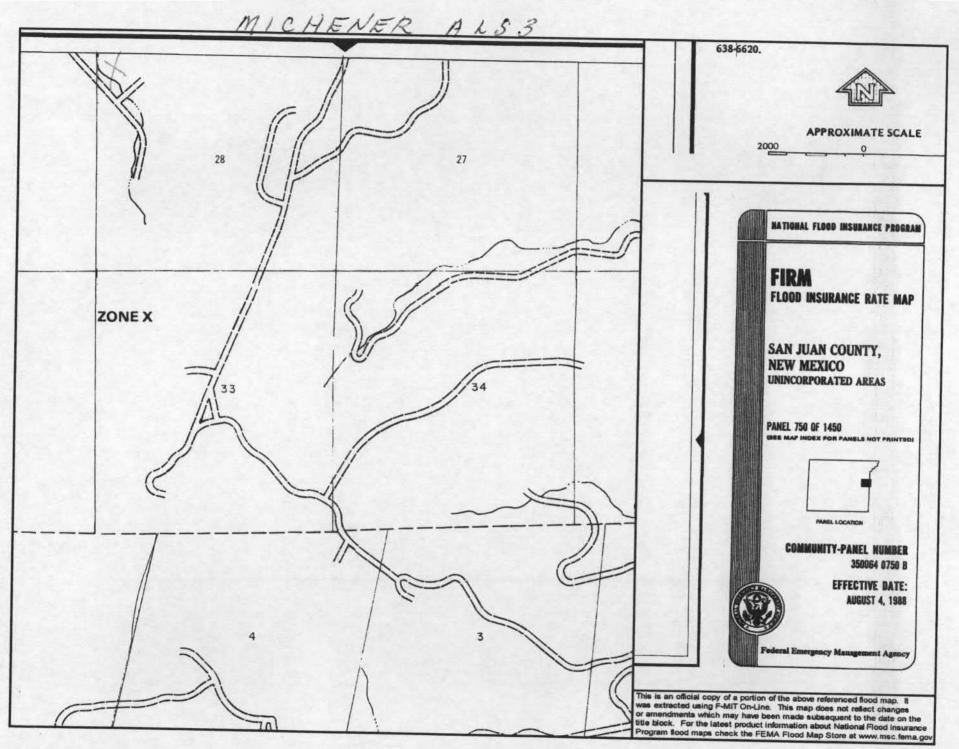
MICHENER A LS 3

Unit Letter: D, Section: 28, Town: 028N, Range: 009W









MICHENER A LS 3

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'MICHENER A LS 3', which is located at 36.637531 degrees North latitude and 107.7991 degrees West longitude. This location is located on the Blanco 7.5' USGS topographic quadrangle. This location is in section 28 of Township 28 North Range 9 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 Blanco, located 6.2 miles to the north. The nearest large town (population greater than 10,000) is Farmington, located 23.5 miles to the west (National Atlas). The nearest highway is US Highway 64, located 5.7 miles to the northwest. The location is on BLM land and is 2,616 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 1827 meters or 5992 feet above sea level and receives 11.5 inches of rain each year. The vegetation at this location is classified as Inter-Mountain Basins Big Sagebrush Shrubland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is -81 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 334 feet to the north and is classified by the USGS as an intermittent stream. The nearest perennial stream is 2,119 feet to the northwest. The nearest water body is 6,195 feet to the northwest. It is classified by the USGS as a perennial lake and is 0.5 acres in size. The nearest spring is 15,103 feet to the northeast. All stream, river, water body and spring information was determined as per the USGS Hydrographic Dataset (High Resolution), downloaded 3/2008. The nearest water well is 3,806 feet to the southwest. The nearest wetland is a 0.6 acre Other located 6,767 feet to the south. The slope at this location is 6 degrees to the west 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 'Stumble-Fruitland association, gently sloping' and is somewhat excessively drained and not hydric with slight erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 23.1 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 conformably 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

ANY SHARP DBJECTS

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 METHO	ο	130BB	, " " J	36BE	4, Mr. 10 10 1	4588
	V/	Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	Min. Roll	Typical Ro
Appearance		Bla	ick/Black		ck/Black	Averages	Averages
Thickness	ASTM D 5199	27 mil	30 mil	32 mil			k/Black
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs (18.14)	140 lbs	151 lbs	36 mil	40 mil 189 lbs	45 mil 210 lbs
Construction			(20.16)	(21.74)	(24.19)	(27.21)	(30.24)
Ply Adhesion	ACTIO	"Ex	trusion laminate	d with encapsu	lated tri-direction	al scrim reinfo	rcement
- 17 / Maricology	ASTM D 413	16 lbs	20 lbs	19 lbs	24 lbs	25 lbs	31 lbs
1" Tensile Strength	ASTM D 7003	88 lbf MD 63 lbf DD	110 lbf MD 79 lbf DD	90 lbf MD 70 lbf DD	113 lbf MD 87 lbf DD	110 lbf MD 84 lbf DD	138 lbf MD 105 lbf DD
1" Tensile Elongation @ Break % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD	550 MD	750 MD
1" Tensile Elongation @ Peak % (Scrim Break)	ASTM D 7003	20 MD 20 DD	33 MD 33 DD	20 MD 20 DD	30 MD 31DD	20 MD 20 DD	36 MD 36 DD
Tongue Tear Strength	ASTM D 5884	75 lbf MD 75 lbf DD	97 lbf MD 90 lbf DD	75 lbf MD 75 lbf DD	104 lbf MD 92 lbf DD	100 lbf MD 100 lbf DD	117 lbf MD 118 lbf DD
Grab Tensile	ASTM D 7004	180 lbf MD 180 lbf DD	218 lbf MD 210 lbf DD	180 lbf MD 180 lbf DD	222 lbf MD 223 lbf DD	220 lbf MD 220 lbf DD	257 lbf MD 258 lbf DD
Trapezoid Tear	ASTM D 4533	120 lbf MD 120 lbf DD	146 lbf MD 141 lbf DD	130 lbf MD 130 lbf DD	189 lbf MD 172 lbf DD	160 lbf MD 160 lbf DD	193 lbf MD
Dimensional Stability	ASTM D 1204	<1	<0.5	<1		The second secon	191 lbf DD
Puncture Resistance	ASTM D 4833	50 lbf	64 lbf		<0.5	<1	<0.5
Maximum Use Temperature				65 lbf	83 lbf	80 lbf	99 lbf
Minimum Use Temperature		180° F	180° F				
D = Machine Direction		-70° F	-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

Note: RAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF 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

RAVEN INDUSTRIES INC. EXPOSED GEOMEMBRANE LIMITED WARRANTY

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

This Limited Warranty does not include damages or defects in the Raven geomembrane resulting from acts of God, casualty or catastrophe including but not limited to: earthquakes, floods, piercing hail, or tornadoes. The term "normal use" as used herein does not include, among other things improper handling during transportation, unloading, storage or installation, the exposure of Raven geomembranes to harmful chemicals, atypical atmospheric conditions, abuse of Raven geomembranes by machinery, equipment or people; improper site preparation or covering materials, excessive pressures or stresses from any source or improper 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

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 replacement of Raven geomembrane to be free from all water, dirt, sludge, residuals and liquids of any kind. If after inspection it is associated with the site inspection.

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

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

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

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

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

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

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

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

General Plan:

- COPC will operate and maintain a BGT to contain liquids and solids and maintain
 the integrity of the liner, liner system and secondary containment system to
 prevent contamination of fresh water and protect public health and environment.
 COPC will accomplish this by performing an inspection on a monthly basis,
 installing cathodic protection, and automatic overflow shutoff devices as seen on
 the design plan.
- 2. COPC will not discharge into or store any hazardous waste in the BGT.
- 3. COPC shall operate and install the below-grade tank to prevent the collection of surface water run-on. COPC has built in shut off devices that do not allow a below-grade tank to overflow. COPC constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 4. As per 19.17.15.12 Subsection D, Paragraph 3, COPC will inspect the below-grade tank at least monthly reviewing several items which include 1) containment berms adequate and no oil present, 2) tanks had no visible leaks or sign of corrosion, 3) tank valves, flanges, and hatches had no visible leaks and 4) no evidence of significant spillage of produced liquids. In addition, COPC's 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.
- 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 o 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.
- 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
 - ii. 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

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 49571

QUESTIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	49571
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

QUESTIONS

Facility and Ground Water		
Please answer as many of these questions as possible in this group. More information will help us identify the appropriate associations in the system.		
Facility or Site Name	Not answered.	
Facility ID (f#), if known	Not answered.	
Facility Type	Below Grade Tank - (BGT)	
Well Name, include well number	Not answered.	
Well API, if associated with a well	Not answered.	
Pit / Tank Type	Not answered.	
Pit / Tank Name or Identifier	Not answered.	
Pit / Tank Opened Date, if known	Not answered.	
Pit / Tank Dimensions, Length (ft)	Not answered.	
Pit / Tank Dimensions, Width or Diameter (ft)	Not answered.	
Pit / Tank Dimensions, Depth (ft)	Not answered.	
Ground Water Depth (ft)	Not answered.	
Ground Water Impact	Not answered.	
Ground Water Quality (TDS)	Not answered.	

Below-Grade Tank		
Subsection I of 19.15.17.11 NMAC		
Volume / Capacity (bbls)	Not answered.	
Type of Fluid	Not answered.	
Pit / Tank Construction Material	Not answered.	
Secondary containment with leak detection	Not answered.	
Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off	Not answered.	
Visible sidewalls and liner	Not answered.	
Visible sidewalls only	Not answered.	
Tank installed prior to June 18. 2008	Not answered.	
Other, Visible Notation. Please specify	Not answered.	
Liner Thickness (mil)	Not answered.	
HDPE (Liner Type)	Not answered.	
PVC (Liner Type)	Not answered.	
Other, Liner Type. Please specify (Variance Required)	Not answered.	

Fencing		
Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, 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, institution or church)	Not answered.	
Four foot height, four strands of barbed wire evenly spaced between one and four feet	Not answered.	
Alternate, Fencing. Please specify (Variance Required)	Not answered.	

Netting		
Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)		
Screen	Not answered.	
Netting	Not answered.	
Other, Netting. Please specify (Variance May Be Needed)	Not answered.	

Signs

Subsection C of 19.15.17.11 NMAC (If there are multiple operators at a site, each operator must have their own sign in compliance with Subsection C of 19.15.17.11 NMAC.)

12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	Not answered.
Signed in compliance with 19.15.16.8 NMAC	Not answered.

/ariances and Exceptions		
Justifications and/or demonstrations ofequivalency are required. Please refer to 19.15.17 NMAC for Please check a box if one or more of the following is requested, if not leave blank:	guidance.	
Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.	Not answered.	
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	Not answered.	

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. Siting criteria does not apply to drying pads or above-grade tanks.

Siting Criteria, General Siting		
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank	Not answered.	
NM Office of the State Engineer - iWATERS database search	Not answered.	
USGS	Not answered.	
Data obtained from nearby wells	Not answered.	

Siting Criteria, Below Grade Tanks		
Within 100 feet of a continuously flowing watercourse, significant watercourse, lakebed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark)	Not answered.	
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption	Not answered.	

oposed Closure Method	
Below-grade Tank	Below Grade Tank - (BGT)
Waste Excavation and Removal	Not answered.
Alternate Closure Method. Please specify (Variance Required)	Not answered.

Operator Application Certification	
Registered / Signature Date	Not answered.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

ACKNOWLEDGMENTS

Action 49571

ACKNOWLEDGMENTS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	49571
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

ACKNOWLEDGMENTS

I acknowledge that I have received prior approval from the OCD to submit documentation of a legacy below-grade tank on behalf of my operator.		I acknowledge that I have received prior approval from the OCD to submit documentation of a legacy below-grade tank on behalf of my operator.
Г	I hereby certify that the information submitted with this documentation is true, accurate and complete to the best of my knowledge and belief.	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 49571

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	49571
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

CONDITIONS

Created By	Condition	Condition Date
cwhitehead	None	9/27/2021