		e of New Mexico erals and Natural Resources	Form C-144 July 21, 2008
REGISTE	RED	artment ation Division St. Francis Dr.	For temporary pits, closed-loop sytems, and below-grade tanks. submit to the appropriate NMOCD District Office.
District IV 220 S. St. Francis Dr., Santa Fe. NM 87505		, NM 87505	For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.
	Pit, Closed-Loop	System, Below-Grad	le Tank, or
Propos	sed Alternative Me	ethod Permit or Closur	re Plan Application
Type of action:	X Permit of a pit, clos	sed-loop system, below-grade	tank, or proposed alternative method
	Closure of a pit, clo	osed-loop system, below-grade	e tank, or proposed alternative method
	Modification to an	existing permit	
		submitted for an existing permi or proposed alternative method	itted or non-permitted pit, closed-loop system,
Instructions: Please submit one (6	* 4	- op system, below-grade tank or alternative request
Please be advised that approval of	of this request does not relieve the	e operator of liability should operations	result in pollution of surface water, ground water or the egovernmental authority's rules, regulations or ordinances.
Derator: Burlington Resources O	il & Gas Company LP		OGRID#: 14538
Address: PO Box 4289, Farmingto			<u></u>
acility or well name: SAN JUAN	27-4 UNIT 99A	-	
	3003922372	OCD Permit Number	er:
J/L or Qtr/Qtr: C Secti	on: 16 Township:	27N Range:	4W County: Rio Arriba
Center of Proposed Design: Latitud	e: 36.57805°N	N Longitude:	-107.25829°W NAD: X 1927 1983
urface Owner: X Federal	State Pri	vate Tribal Trust or India	n Allotment
Pit: Subsection F or G of 19.15.1			
Temporary: Drilling Wor Permanent Emergency (Lined Unlined L String-Reinforced	7.11 NMAC rkover Cavitation P&A iner type: Thickness actory Other	mil 🚺 LLDPE 🛄 Volume:	HDPE PVC Other
Temporary: Drilling Word Permanent Emergency O Lined Unlined L String-Reinforced Liner Seams: Welded F 3 Closed-loop System: Subsec Type of Operation: P&A [Drying Pad Above Group Lined Lined	rkover Cavitation P&A iner type: Thickness actory Other tion H of 19.15.17.11 NMA Drilling a new well und Steel Tanks Hau	Volume: VOlume: VOlume: NC Workover or Drilling (Applies to notice of intent) I-off Bins Other	
Temporary: Drilling Word Permanent Emergency O Lined Unlined L String-Reinforced Unlined F Liner Seams: Welded F 3 Closed-loop System: Subsect Type of Operation: P&A O Drying Pad Above Group Lined Lined Linet Unlined Lined Lined Linet Seams: Welded F 4 X Below-grade tank: Subsection	rkover Cavitation P&A iner type: Thickness factory Other tion H of 19.15.17.11 NMA Drilling a new well und Steel Tanks Haul er type: Thickness factory Other 1 of 19.15.17.11 NMAC obl Type of fluid: Metal	Volume:	bbl Dimensions Lx Wx D
Temporary: Drilling Word Permanent Emergency O Lined Unlined L String-Reinforced Liner Seams: Welded F 3 Closed-loop System: Subsect Type of Operation: P&A C Drying Pad Above Grout Lined Lined Lined Unlined Lined Lined Lined Unlined Lined F 4 X Below-grade tank: Subsection Volume: 120 K Tank Construction material: Secondary containment with leak d Visible sidewalls and liner Liner Type: Thickness 5 Alternative Method: Alternative Method:	rkover Cavitation P&A iner type: Thickness actory Other tion H of 19.15.17.11 NMA Drilling a new well und Steel Tanks Haul er type: Thickness actory Other I of 19.15.17.11 NMAC bbl Type of fluid:	Volume:	bbl Dimensions Lx Wx D to activities which require prior approval of a permit or HDPEPVDOther tomatic overflow shut-off Unspecified
Temporary: Drilling Word Permanent Emergency O Lined Unlined L String-Reinforced Liner Seams: Welded F 3 Closed-loop System: Subsect Type of Operation: P&A C Drying Pad Above Group Lined Lined Lined Unlined Lined Lined Lined Unlined Lined F 4 X Below-grade tank: Subsection Volume: 120 K Tank Construction material: Secondary containment with leak d Visible sidewalls and liner Liner Type: Thickness 5 Alternative Method: Alternative Method:	rkover Cavitation P&A iner type: Thickness actory Other tion H of 19.15.17.11 NMA Drilling a new well und Steel Tanks Haul er type: Thickness actory Other I of 19.15.17.11 NMAC bbl Type of fluid:	Volume:	bbl Dimensions Lx Wx D to activities which require prior approval of a permit or HDPEPVDOther tomatic overflow shut-off

Parking: Nutherion D al [9:15711 MMC (Applies in permanence pla: component pla: and holos-grade instal:) Prove that has a fort in height: two sensed of banded wine a trap (Required if low and winhol 1000 feet of a permanent readom's .uhend, bringenth, institution, or educed) Prove the height. Two sensed of banded wine construction permanent permanent spent top hands. Prove the height interaction of a banded wine construction permanent permanent spent top hands. Prove the height interaction of the spectra of the permanent permanent spent top hands. Prove the height interaction of the spectra of the permanent permanent spent top hands. Prove the height interaction of the spectra of the permanent permanent spent top hands. Prove the height interaction of the spectra of the permanent spent top hands. Prove the height interaction of the permanent permanent spent top hands. Prove the height interaction of the permanent					
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Nummer: Person peoply 4 then ultre forcing topped with two strands barbed wire. ? Methods: Number: Number: ? Methods: Number: Number: ? Methods: Number: Number: Number: ? Methods: Number: Number: Number: ? Methods: Number: Number: Number: ? Subsection E of 19.15.17.11 MAAC Number: Number: Number: ? Subsection E of 19.15.17.11 MAAC Number:	Chain link, six feet in height, two strands of barbed wire at top (<i>Required if located within 1000 feet of a permanent residence, school, hospital, institution or church</i>)				
7 Petiting Status 9 Status Status Status 9 Status Status Status Status 9 Status Status Status Status Status 9 Status St					
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Monthly inspections: If noting or screening is not physically faculated. * Signs: Subsection C of 19.15.17.11 NMAC Signs: Subsection C of 19.15.17.11 NMAC * Signs: Subsection C of 19.15.17.11 NMAC * Signs: Subsection C of 19.15.17.11 NMAC * Signs: Subsection C of 19.15.17.10 NMAC * Signs: Subsection C of 19.17.17.10 NMAC *					
Signed Section C 19 1512 11 NNAC 12 Y 24', 27 testering, providing Operator's name, site location, and energency telephone numbers Signed an complance with 19 153 103 NNAC Patifications and decomplance of the following is required. Please (cler to 19 15.17 NMAC for guidance. Providing Torvita and Executions Imaintations and energency telephone numbers Patifications and energency and the following is required. Please (cler to 19 15.17 NMAC for guidance. Providing BOT Liner; Interpretation and the following is required. Please (cler to 19 15.17 NMAC for guidance. Providing BOT Liner; Its protocols: Requests must be submitted to the appropriate division district of the Sama Fe Environmendations of acceptable source nucleid at provide block. Ring Criteria (reparding permitting; 19 15.17 10 NMAC Instrument and provide block houting for equir. Heave for its 20 15 10 NMAC for guidance. Provide Site and the source and the source of the source of the source of the source on medial and provide. Instrument and provide block houting for equir. Heave for its 10 15 10 NMAC for guidance. First and the source on					
□ 2° X 247. 2° Leutering, providing Operator's name, site location, and emergency idephone numbers ③ Signed in complaance with 19.15.3 LOB INAAC 9 9 Antificiative approach applications and or domonisations of equivalency is required. J not locar block in the following it required. J not locar block. Cheer of etc 8 bit of a control of the following it required. J not locar block. □ It is the interpretation of approach. Specific approximate to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. 0 It is the interpretation of approximate to the Santa FE Environmental Bureau office for consideration of approval. 0 It is the interpretation of approximate to the Santa FE Environmental Bureau office for consideration of approximate the application. Bureau office for consideration of approximate the interpretation of approximate to the santa FE Environmental Bureau office for consideration of approximate the application. Bureau office for consideration of approximate the interpretation of approximate to the santa Environmental Bureau office for consideration of acception which must be submitted to the Santa FE Environmental Bureau office for consideration of approximate approximate to the santa Environmental Bureau office for consideration of the temporary pit, permanent pit, or below-grade tank. 0 Not for the or approximate the submitted to the Santa FE Environmental Bureau office for consideration of the temporary pit, permanent pit, or below-grade tank. 0 Not for the or consideratin of the temporary pit, permanent pit, or	8				
Signed in compliance with 19:15.3:103 NMAC 9 Administrative Approach and Excertions: Journalizations and/or demonstrations of equivalency are required. Please refer to 19:15:17 NMAC for guidance. Please check a bax if one or more of the following is requested. if not leave blank: Imministrative approach: Requests must be submitted to the appropriate division district of the Sama Fe Environmental Bureau office for consideration of approval. 10 11 10 11 11 12 12 13 14 14 15 15 15 15 16 17 18 18 <					
9 Administrative Approvals and Exceptions: Insuffications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Plear check a bax if one or more of the following is requested. if not leave blank: Multinistrative approval. 10 Minimistrative approval. 10:					
Administrative approval and Exception: Destinguishes and/or demonstrations of capitalency are required. If ease refer to 19.15.17 NMAC for guidance. Please thek a bax if near or near of the following is required. If not leave blank:	X Signed in compliance with 19.15.3.103 NMAC				
Juvinifications and/or demonstration of equivalency are required. [Please refer to 19, 15, 17 NMAC for guidance. Please check a bax if one or more of the following is requested. (f not leave blank:					
▲ Administrative approxilis): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. ■ Creating/BGT Liner) ■ Screption(5): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. 10 Stang Criteria (recarding permitting): 10.15.17.10 NMAC 11 Instructions: The applicant must charmonic for each sting criteria below in the application. Recommendations of acceptable source material arr provided below. Requests repeting to instruct entry require administrative approach differ for consideration of approval. Application must tatch justification for request. Please refer to 18.15.17.10 NMAC for guidance. Sting trents and the proposed stile of the stant Engineer - iWATERS database search; USGS; Data obtained from nearby wells □ Yes No Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NN Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells □ Yes ∑ No Within 300 feet form a permanent residence, school, hospital, institution, or church in existence at the time of initial application. □ Yes ∑ No (Applies to temporary, emergency, or cavitation pits and below-grade tank) □ NA □ Yes ∑ No • Visual inspection (certification) of the proposed site; Aerial photo; Satellite image □ NA □ Yes ∑ No • Visual inspection (certification) of the proposed site; Aerial photo; Satell					
	Please check a box if one or more of the following is requested, if not leave blank:				
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Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. Image: The school initial application initial application. Image: The school initial application initial application initial application initial application. • Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Image: The school initial application initial application. Image: The school initial application initial application. • NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site. Image: The school initial application initial application initial application. Image: The school initial application initial application. • NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site. Image: The school initial application in the municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended Image: The school initial application in the municipality; Written approval obtained from the municipality Within in soo feet of a wetland. Image: The school in the municipal ity; Written approval obtained from the municipality Image: The school initial application in the proposed site Within soo feet of a wetland. Image: The school in the municipal fresh water well field covered under a municipal to the proposed site Image: The school initial application in	(Applies to temporary, emergency, or cavitation pits and below-grade tanks)				
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 Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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. 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 Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site Within a unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Within a 100-year floodplain 			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. Image: Comparison of the proposed site. • NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site. Image: Comparison 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 Image: Comparison of the proposed site. • Written confirmation or verification from the municipality; Written approval obtained from the municipality Image: Comparison of the proposed site. Within 500 feet of a wetland. • US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site. Image: Comparison of the proposed site. Within an unstable area. • Written confirmation or verification or map from the NM EMNRD • Mining and Mineral Division Image: Comparison of the group of the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map. Image: Comparison of the group of the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map. Within a 100-year floodplain Image: Comparison of the group o		XNA			
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 \[\begin{aligned}{llllllllllllllllllllllllllllllllllll	Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering	Yes	XNo		
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Within 500 feet of a wetland.	adopted pursuant to NMSA 1978, Section 3-27-3, as amended	Yes	XNo		
Within the area overlying a subsurface mine. Yes Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division Yes Within an unstable area. Yes Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Yes Within a 100-year floodplain Yes X No	Within 500 feet of a wetland.	Yes	XNo		
Within an unstable area. Yes - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Within a 100-year floodplain	Within the area overlying a subsurface mine.	Yes	XNo		
 Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Within a 100-year floodplain 					
Within a 100-year floodplain	- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological	Yes	XNo		
	Within a 100-year Noodplain	Yes	XNo		

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Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachme	ent 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 construction of the following items must be attached to the application.	heck mark in the box, that the documents are attached.
X Hydrogcologic Report (Below-grade Tanks) - based upon the requirements of Paragra	ph (4) of Subsection B of 19.15.17.9 NMAC
Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of	
X Siting Criteria Compliance Demonstrations - based upon the appropriate requirements	of 19.15.17.10 NMAC
X Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	
X Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.1	
X Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the ap 19.15.17.9 NMAC and 19.15.17.13 NMAC	ppropriate requirements of Subsection C of
Previously Approved Design (attach copy of design) API	or Permit
12 Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.4	
Instructions: Each of the following items must be attached to the application. Please indicate, by a ch	eck mark in the box, that the documents are attached
Geologic and Hydrogeologic Data (only for on-site closure) - hased upon the requirement	ents 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 19.15.1	7.12 NMAC
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the ap NMAC and 19.15.17.13 NMAC	propriate requirements of Subsection C of 19.15.17.9
Previously Approved Design (attach copy of design) API	
Previously Approved Operating and Maintenance Plan API	
13 Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC	
Instructions: Each of the following items must be attached to the application. Please indicate, by a c	check mark in the bay, that the documents are attached
Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B	of 19 15 17 9 NMAC
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements	
Climatological Factors Assessment	
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15	
Dike Protection and Structural Integrity Design: based upon the appropriate requirement	nts of 19.15.17.11 NMAC
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMA	
Liner Specifications and Compatibility Assessment - based upon the appropriate requir	ements 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	
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements Nuisance or Hazardous Odors, including H2S, Prevention Plan	of 19.15.17.11 NMAC
Emergency Response Plan	
Oil Field Waste Stream Characterization	
Monitoring and Inspection Plan	
Erosion Control Plan	
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9	NMAC and 19.15.17.13 NMAC
14	
Proposed Closure: 19.15.17.13 NMAC	
nstructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed	
Type: Drilling Workover Emergency Cavitation P&A Permanent P	it XBelow-grade Tank Closed-loop System
Alternative Proposed Closure Method: XWaste Excavation and Removal (Below-Grade Tank)	
Proposed Closure Method: X Waste Excavation and Removal (Below-Grade Tank) Waste Removal (Closed-loop systems only)	
On-site Closure Method (only for temporary pits and closed-loop	A systems)
In-place Burial On-site Trench	J SYSICIUS)
	Sente Es Environment - Duran Constantin
Alternative Closure Method (Exceptions must be submitted to th	c Sama re Environmental Bureau for consideration)
15 Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: E	Sach of the following iteration
Please indicate, by a check mark in the box, that the documents are attached.	caun of the following tiems must be attached to the closure plan.
X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NM	IAC
X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements o	
X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings	()
X Soil Backfill and Cover Design Specifications - based upon the appropriate requirement	
X Re-vegetation Plan - based upon the appropriate requirements of Subsection 1 of 19.15.1	17.13 INMAC

16						
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)						
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two are required.	facilities					
Disposal Facility Name: Disposal Facility Permit #: Disposal Facility Permit #:						
Disposal Facility Name: Disposal Facility Permit #:						
Yes (If yes, please provide the information No	service and operations?					
Required for impacted areas which will not be used for future service and operations:						
Soil Backfill and Cover Design Specification - based upon the appropriate requirements of Subsection H of 19.15.17.13 NM/	AC					
Re-vegetation Plan - based upon the appropriate requirements of Subsection 1 of 19.15.17.13 NMAC						
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC						
17						
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NMAC						
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided be	low. Requests regarding changes to					
certain siting criteria may require administrative approval from the appropriate district office or may be considered on exception which must be submitted to the for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15, 17, 10 NMAC for guidance.	e Santa Fe Environmental Bureau office					
Ground water is less than 50 feet below the bottom of the buried waste.						
 NM Office of the State Engineer - iWATERS database search; USGS: Data obtained from nearby wells 	Yes No					
	∐N/A					
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; USGS; Data obtained from nearby wells	N/A					
Ground water is more than 100 feet below the bottom of the buried waste.	Yes No					
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells						
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake						
(measured from the ordinary high-water mark).	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; satellite image						
	Yes No					
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering						
purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence at the time of the initial application.						
- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted						
pursuant to NMSA 1978. Section 3-27-3, as amended.	Yes No					
- Written confirmation or verification from the municipality: Written approval obtained from the municipality						
Within 500 feet of a wetland	Yes No					
- US Fish and Wildlife Wetland Identification map: Topographic map: Visual inspection (certification) of the proposed site						
Within the area overlying a subsurface mine.	Yes No					
- Written confirantion or verification or map from the NM EMNRD-Mining and Mineral Division						
Within an unstable area.	Yes No					
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map						
Within a 100-year floodplain.	Tyes No					
- FEMA map						
18						
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must bee attached to the closure	re nlan Please indicate					
by a check mark in the box, that the documents are attached.	o prant a reade triatene,					
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC						
Proof of Surface Owner Notice - based upon the appropriate 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 NMAC						
Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of 1	9 15 17 11 NMAC					
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC						
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC						
Waste Material Sampling Plan - 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 or in case on-site closure standards cannot be achieved)						
Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC						

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

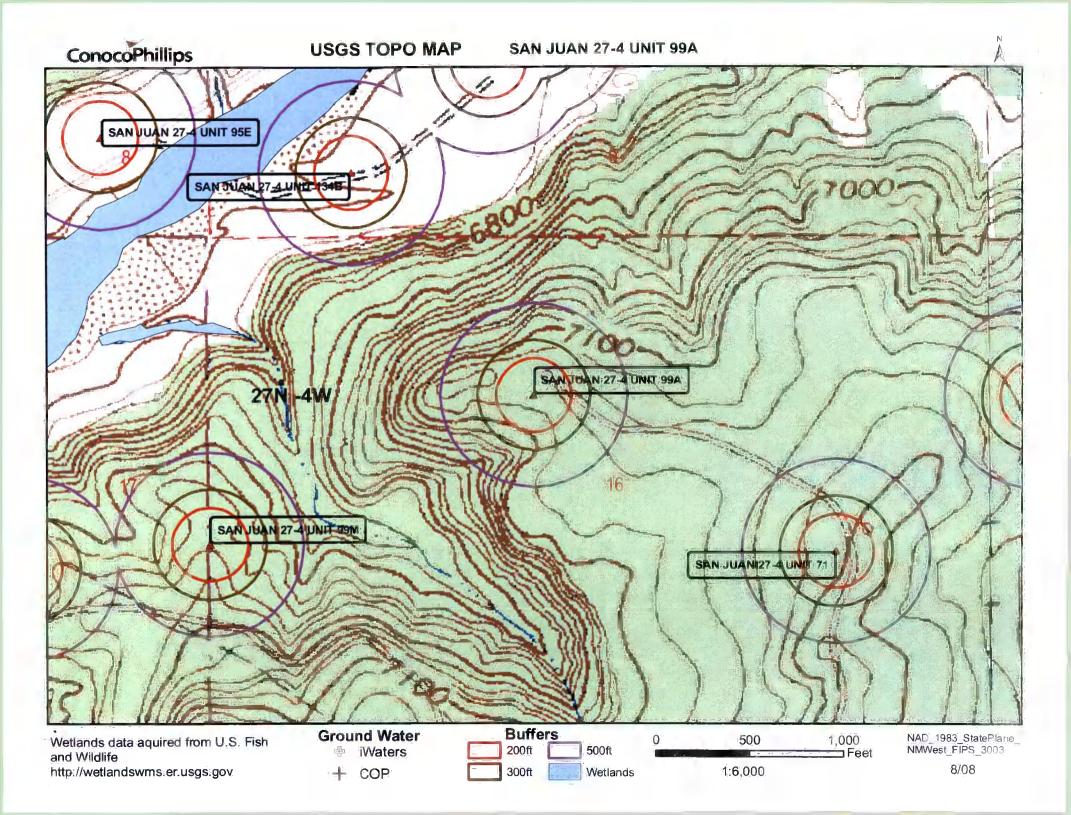
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

1 Precision Application Certification: 1 Herdy cruly that the information stemated with this application is time, accurate and complete to the best of my knowledge and belief. Nume (Print): Crystal Taloya Title: Kgrutukery Technician 9 OCD Appendent Stiff Status Stiff Status 20 OCD Appendent Stiff Status Techphone: Stiff Status 20 OCD Appendent Closure Plan (only) OCD Conditions issee attachment) OCD Appendent OCD Permit Application (including closure plan) Closure Plan (only) OCD Conditions issee attachment) OCD Representative Signature: OCD Permit Number:			
Theory or may that the information solumited with the application is true, accurate and complete in the best of my knowledge and helief. Name (Print):	ła		
Name (Print): Crystal Taloya Title: Regulatory Technician Signature: Crystal Taloya Date: 1/2/2/2/008 e mail aldress: Crystal Control (Print): Signature: 1/2/2/2/008 git OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OVD Representative Signature:			
Signature: Current Option Control Contrel Contro Control Contend Control Control Contendecon Control Con	Thereby certify that the information submitted with this application is true, accu	urate and complete to the he	st of my knowledge and belief.
c mail address:	Name (Print): Crystal Tafoya	Title:	Regulatory Technician
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Approval:	Signature: Custel Salone	Date:	12/22/2008
90:D Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) 00:D Representative Signature:		Telephone:	505-326-9837
90:D Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) 00:D Representative Signature:			
OCD Representative Signature:			
Title:	OCD Approval: Permit Application (including closure plan)	Closure Plan (only)	OCD Conditions (see attachment)
Title: OCD Permit Number: 23 Courre Report (required within 60 days of dosure completion): Subcome K of 9151713 MMC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to abadiment of the dissons matile 0 days of the completion of the closure activities. Please do not complete this section of the form sund an approved closure plan has been obtained and the closure activities have been completed. 21 Closure Completion Date: 22 Closure Report Regarding Waste Removal (Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) 11 If different from approved plan, please explain. 23 23 Closure Report Regarding Waste Removal Closure Far Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions: Please Identify the facility of facilities for where the liquids, drilling fluids and drill cutings were disposed. Use attachment if more than two facilities were the closure completion of the items below) 23 Disposal Facility Name: Disposal Facility Permit Number: 24 Disposal Facility Name: Disposal Facility Permit Number: 25 Disposal Facility Name: Disposal Facility Permit Number: 26 New Regarding Waste Removal associated activities performed on or in areas that will not be used for huture service and operations? 27 Yes (19 se, please	OCD Representative Signature:		Annroval Date:
23 Closure Report (required within 60 days of closure completion): Subsects & of 0151713 NMAC Instructions: Operators are required to shahm in approved closure plan prior to implementing any, choure activities and submittine the closure report. The closure report is required to be submitted in the division within 00 days of the completion of the closure activities. Please do not complete this set tion of the form unit an approved closure plan has been obtained and the closure activities have been completed. 23 Closure Method: 23 Closure Report Regarding Waste RemovalOn-site Closure MethodAlternative Closure MethodWaste Removal (Closed-loop systems only) 34 Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only; 35 Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only; 36 Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only; 37 Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only; 37 Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only; 38 Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only; 39 Closure Report Regarding Waste Removal consult associated activities performed on or in areas that will not be used for future service and operations? 39 Closure Report Alachment Checklist; Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in 39 Closure Report Alachment Checklist; Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in 39 Closure Report Alachment Checklist; Instructions: Each of the following items m			
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Operator Closure Certification:			
I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. Lalso certify the	hereby certify that the information and attachments submitted with this closure	report is ture, accurate and	complete to the best of my knowledge and belief. I also certify that
the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.	ie closure compiles with all applicable closure requirements and conditions spe-	cified in the approved closur	e plan.
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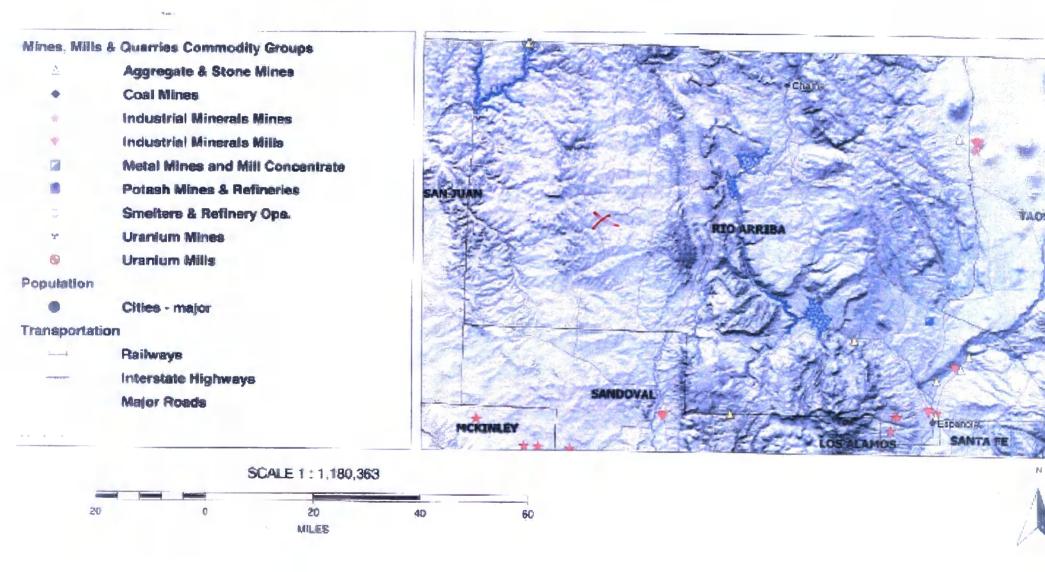


ConocoPhillips AERIAL MAP SAN JUAN 27-4 UNIT 99A ASAN JUAN 27-4 UNIT 95E 8 SAN JUAN 27-4 UNIT 1348 JUAN 27-4 UNIT **JUAN 27-4 UNIT** NAD_1983_SP_ NM West_FIPS_3003 1,000 Eeet **50**0 Data Source n 1000FT 300FT Aerial flown locally Sedgewick in 2005. 1:6,000 8/08

Mines, Mills and Quarries Web Map

SAN JUAN 27-4 UNIT 99A

Unit Letter: C, Section: 16, Town: 027N, Range: 004W



SAN JUAN 27-4 UNIT 99A

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'SAN JUAN 27-4 UNIT 99A', which is located at 36.57805 degree, North latitude and 107.25829 degree, West longitude. This location is located on the Vigas Canyon 7.5' USGS topographic quadrangle. This location is in section 16 of Township 27 North Range 4 West of the Public Land Survey System (New Mexico Principal Meridian). This location is located in Rio Arriba County, New Mexico. The nearest town is Dulce, located 28.5 miles to the northeast. The nearest large town (population greater than 10,000) is Farmington, located 53.7 miles to the west (National Atlas). The nearest highway is State Highway 537, located 5.6 miles to the southeast. The location is on National Forest land and is 1,767 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Blanco Canyon. New Mexico, Sub-basin. This location is located 2173 meters or 7127 feet above sea level and receives 14 inches of rain each year. The vegetation at this location is classified as Colorado Plateau Pinon-Juniper Woodland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 465 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 1,155 feet to the southwest and is classified by the USGS as an intermittent stream. The nearest perennial stream is 2,057 feet to the northwest. The nearest water body is 2,937 feet to the northeast. It is classified by the USGS as a perennial lake and is 0.1 acres in size. The nearest spring is 2,525 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 7,045 feet to the south. The nearest wetland is a 0.8 acre Ravine located 1,778 feet to the west. The slope at this location is 5 degree, to the north as calculated from USGS 30M National Elevation Dataset. This information is also discerned from the aerial and topographic map included. The surface geology at this location is SAN JOSE FORMATION--Siltstone, shale, and sandstone with a Sandstone dominated formations of all ages substrate. There is no SSURGO soil data available for this location. The nearest underground mine is 18.1 miles to the north as indicated on the Mines, Mills and Quarries Map of New Mexico provided.

Regional Hydrogeological context:

The San Jose Formation of Eocene age occurs in New Mexico and Colorado, and its outcrop forms the land surface over much of the eastern half of the central basin. It overlies the Nacimiento Formation in the area generally south of the Colorado-New Mexico State line and overlies the Animas Formation in the area generally north of the State line. The San Jose Formation was deposited in various fluvial-type environments. In general, the unit consists of an interbedded sequence of sandstone, siltstone, and variegated shale. Thickness of the San Jose Formation generally increases from west to east (200 feet in the west and south to almost 2,700 feet in the center of the structural basin). Ground water is associated with alluvial and fluvial sandstone aquifers. Thus, the occurrence of ground water is mainly controlled by the distribution of sandstone in the formation. The distribution of such sandstone is the result of original depositional extent plus any post-depositional modifications, namely erosion and structural deformation. Transmissivity data for San Jose Formation are minimal. Values of 40 and 120 feet squared per day were determined from two aguifer tests (Stone et al. 1983, table 5). The reported or measured discharge from 46 water wells completed in San Jose Formation ranges from 0.15 to 61 gallons per minute and the median is 5 gallons per minute. Most of the wells provide water for livestock and domestic use. The San Jose Formation is a very suitable unit for recharge from precipitation because soils that form on the unit are sandy and highly permeable and therefore readily adsorb precipitation. However, low annual precipitation, relatively high transpiration and evaporation rates, and deep dissection of the San Jose Formation by the San Juan River and its tributaries all tend to reduce the effective recharge to the unit.

Stone et al., 1983, Hydrogeology and Water Resources of the San Juan Basin, New Mexico: Socorro, New Mexico Bureau of Mines and Mineral Resources Hydrologic Report 6, 70 p.

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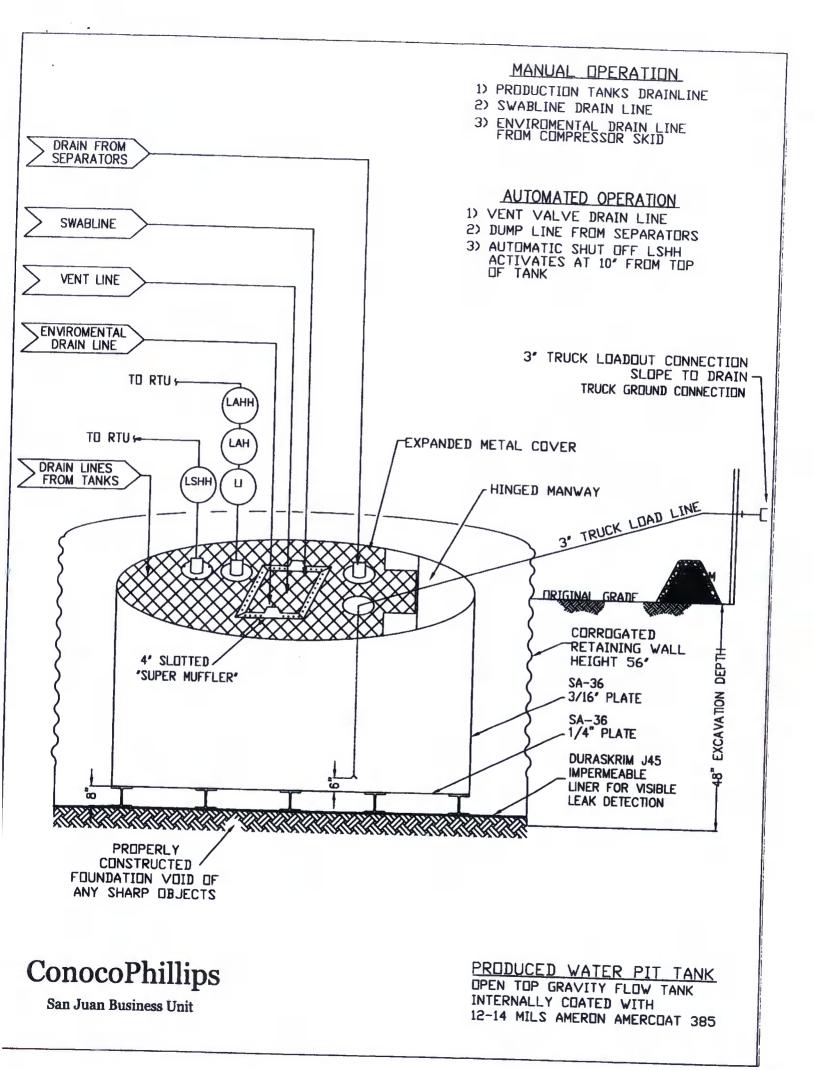
Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Design and Construction

In accordance with NMAC 19.15.17 the following information describes the design and construction of below grade tanks on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all below grade tanks (BGT). A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

- 1. BR 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. BR signage will comply with 19.15.3.103 NMAC when BR is the operator. If BR is not the operator it will comply with 19.15.17.11NMAC. BR includes Emergency Contact information on all signage.
- 3. BR has approval to use alternative fencing that provides better protection. BR 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. BR ensures that all gates associated with the fence are closed and locked when responsible
- 4. BR will construct a screened, expanded metal covering, on the top of the BGT.
- 5. BR shall ensure that a below-grade tank is constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight as shown on design drawing and specification sheet.
- 6. The BR 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. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a belowgrade tank to overflow. BR 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. BR 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. BR 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 BR 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 BR's compressor skid under normal operating conditions is in the open position. The environmental drain line is in place to capture any collected rain water or spilled lubricants from our compressor skids. The swab drain line is a manually operated drain and by normal operating procedures is in the closed position. The tank drain line is also a manually operated drain and during normal operations it is in the closed position.
- 10. The geomembrane liner consists of a 45-mil flexible LLDPE material manufactured by Raven Industries as J45BB. This product is a four layer reinforced laminated containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. The J45BB is reinforced with 1300 denier (minimum) tri-directional scrim reinforcement. It exceeds ASTMD3083 standard by 10%. J45BB has a warranty for 20 years from Raven Industries and is attached. It is typically used in Brine Pond, Oilfield Pit liner and other industrial applications. The manufacture specific sheet is attached and the design attached displays the proper installation of the liner.
- 11. The general specification for design and construction are attached in the BR document.



DURA-SKRIM®

J30, J36 a J45

PROPERTIES	TEST METHOD	J	308B	Ja	688		588
		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	Min. Roll	Typical Rol
Appearance		Bla	ck/Black		k/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 (20.16)	151 lbs	36 mil 168 lbs	40 mil 189 lbs	45 mil 210 lbs
Construction				(21.74)	(24.19)	(27.21)	(30.24)
Ply Adhesion	ASTM D 413	CXL	rusion laminated	with encapsula	ated tri-directio	nal scrim reinfor	cement
	ASTIVI D 413	16 lbs	20 lbs	19 lbs	24 lbs	25 lbs	31 lbs
1" Tensile Strength	ASTM D 7003	88 lbf MD 63 lbf DD	110 lbf MD 79 lbf DD	90 lbf MD 70 lbf DD	113 lbf MD 87 lbf DD	110 lbf MD 84 lbf DD	138 lbf MD 105 lbf DD
1" Tensile Elongation @ Break % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD
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	750 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	
Puncture Resistance	ASTM D 4833	50 lbf	64 lbf	65 lbf			<0.5
Maximum Use Temperature					83 lbf	80 lbf	99 lbf
Ainimum Use Temperature		180° F					
D = Machine Direction		-70° F					

DD = Diagonal Directions

OURA-SCOM-

Note: Minimum Roll Averages are set to take into account product variability in addition to testing variability between laboratories.

*Dimensional Stability Maximum Value

**DURA-SKRIM J30BB, J36BB & J45BB are a four layer reinforced laminate containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. DURA-SKRIM J30BB, J36BB & J45BB are reinforced with a 1300 denier (minimum) tri-directional scrim reinforcement.

Note: RAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.



PLANT LOCATION

Sioux Falls, South Dakota

SALES OFFICE

P.O. Box 5107 Sioux Falls, SD 57117-5107 (605) 335-0174 (605) 331-0333 FAX **800-635-3456**

08/06

RAVEN INDUSTRIES INC. EXPOSED GEOMEMBRANE LIMITED WARRANTY

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

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, at its 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 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 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.

Burlington Resources Oil & Gas Company, LP 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 Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all BGT. A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

- BR 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. BR 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. BR will not discharge into or store any hazardous waste in the BGT.
- 3. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a below-grade tank to overflow. BR 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, BR 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, BR's multi-skilled operators (MSOs) are required to visit each well location once per week. If detected on either inspection, BR 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. BR 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 BR shall remove all liquid above the damage or leak line within 48 hours. BR shall notify the appropriate district office. BR 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, BR shall promptly remove and install a below grade tank or pit liner that complies with Subsection I of 19.15.17.11 NMAC. BR 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.

Burlington Resources Oil & Gas Company, LP 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 Burlington Resources Oil & Gas Company, LP locations hereinafter known as BR locations. This is BR's standard procedure for all BGTs. A separate plan will be submitted for any BGT which does not conform to this plan.

General Requirements:

- BR 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, BR will file the C144 Closure Report as required.
- 2. BR 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. BR will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves. Documentation of how the below-grade tank was disposed of or recycled will be provided in the closure report.
- 4. If there is any on-site equipment associated with a below-grade tank, then BR shall remove the equipment, unless the equipment is required for some other purpose.
- 5. BR shall test the soils beneath the below-grade tank to determine whether a release has occurred. BR 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 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method that the chloride concentration, as determined by 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 250 mg/kg, or the background concentration, whichever is greater. BR shall notify the division of its results on form C-141.
- 6. If BR or the division determines that a release has occurred, then BR 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 BR shall backfill the excavation with compacted, nonwaste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.
- 8. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email or verbally. The notification of closure will include the following:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number
- 9. The surface owner shall be notified of BR'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. BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will used on federally jurisdicted lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. BR 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 .