	Minerals and Natural Resources	July 21, 200 For temporary pits, closed-loop sytems, and below-grade
REGISTERED	vation Division St. Francis Dr.	tanks, submit to the appropriate NMOCD District Office.
1000 Rio Brazos ka., Aztec, 1916 67910 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	Sama re, 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.
	ed-Loop System, Below-Grad	e Tank, or
Proposed Altern	ative Method Permit or Closur	e Plan Application
Type of action: X Permit of	f a pit, closed-loop system, below-grade t	ank, or proposed alternative method
	of a pit, closed-loop system, below-grade	
Modific	ation to an existing permit	
	plan only submitted for an existing permi rade tank, or proposed alternative method	tted or non-permitted pit, closed-loop system,
Instructions: Please submit one application (H	Form C-144) per individual pit, closed-lo	op system, below-grade tank or alternative request
	s not relieve the operator of liability should operations r	esult in pollution of surface water, ground water or the governmental authority's rules, regulations or ordinances.
environment, nor does approval relieve the operator (	is responsionity to comply with any other applicable	governmental autority's rules, regulations of ordinances.
Operator: Burlington Resources Oil & Gas Con	npany, LP	OGRID#: 14538
Address: PO Box 4289, Farmington, NM 8749	9	
Facility or well name: SAN JUAN 32-9 UNIT 2	018	
API Number: 3004531930	OCD Permit Numbe	r:
U/L or Qtr/Qtr: 1 Section: 2		9W County: San Juan
	36.92442°N Longitude:	-107.7431°W NAD: X 1927 1983
Surface Owner: Federal X State	Private Tribal Trust or India	Allounent
	P&A hickness mil 🗌 LLDPE 🗌	
String-Reinforced Liner Seams: Welded Factory C	Other Volume:	
Liner Seams: Welded Factory C	.17.11 NMAC	
Liner Seams: Welded Factory C 3 Closed-loop System: Subsection H of 19.15 Type of Operation: P&A Drilling a ne	.17.11 NMAC wwwell Workover or Drilling (Applies to notice of intent)	bbl Dimensions L x W x D
Liner Seams: Welded Factory C 3 Closed-loop System: Subsection H of 19.15 Type of Operation: P&A Drilling a ne Drying Pad Above Ground Steel Tanks	.17.11 NMAC wwwell Workover or Drilling (Applies to notice of intent) s Haul-off Bins Other	bbl Dimensions L x W x D
Liner Seams: Welded Factory C 3 Closed-loop System: Subsection H of 19.15 Type of Operation: P&A Drilling a ne Drying Pad Above Ground Steel Tanks	.17.11 NMAC wwell Workover or Drilling (Applies to notice of intent) s Haul-off Bins Other ickness mil LLDPE H	bbl Dimensions L x W x D activities which require prior approval of a permit or
Liner Seams: Welded Factory C 3 Closed-loop System: Subsection H of 19.15 Type of Operation: P&A Drilling a ne Drying Pad Above Ground Steel Tanks Lined Unlined Liner type: Th	.17.11 NMAC wwell Workover or Drilling (Applies to notice of intent) s Haul-off Bins Other ickness mil LLDPE H	bbl Dimensions L x W x D activities which require prior approval of a permit or
Liner Seams: Welded Factory C 3 Closed-loop System: Subsection H of 19.15 Type of Operation: P&A Drilling a ne Drying Pad Above Ground Steel Tanks Lined Unlined Liner type: Th	.17.11 NMAC w well Workover or Drilling (Applies to notice of intent) s Haul-off Bins Other icknessmil LLDPE F her	bbl Dimensions L x W x D activities which require prior approval of a permit or
Liner Seams: Welded Factory C 3 Closed-loop System: Subsection H of 19.15 Type of Operation: P&A Drilling a ne Drying Pad Above Ground Steel Tanks Lined Unlined Liner type: Th Liner Seams: Welded Factory Ot 4 X Below-grade tank: Subsection I of 19.15.17.1	.17.11 NMAC w well Workover or Drilling (Applies to notice of intent) s Haul-off Bins Other icknessmil LLDPE F her	bbl Dimensions L x W x D activities which require prior approval of a permit or
Liner Seams:       Welded       Factory       Control         3       Closed-loop System:       Subsection H of 19.15         Type of Operation:       P&A       Drilling a new         Drying Pad       Above Ground Steel Tanks         Lined       Unlined       Liner type:         Liner Seams:       Welded       Factory       Ot         4       X       Below-grade tank:       Subsection I of 19.15.17.1         Volume:       120       bbl       Type         Tank Construction material:	.17.11 NMAC w well Workover or Drilling (Applies to notice of intent) Haul-off Bins Other ickness mil LLDPE H her 1 NMAC of fluid: Produced Water Metal	bbl Dimensions Lx Wx D activities which require prior approval of a permit or IDPEPVDOther
Liner Seams: Welded Factory C  Closed-loop System: Subsection H of 19.15 Type of Operation: P&A Drilling a ne  Drying Pad Above Ground Steel Tanks Lined Unlined Liner type: Th Liner Seams: Welded Factory Ot	.17.11 NMAC w well Workover or Drilling (Applies to notice of intent) Haul-off Bins Other ickness mil LLDPE H her 1 NMAC of fluid: Produced Water Metal X Visible sidewalls, liner, 6-inch lift and auto	bbl Dimensions Lx Wx D activities which require prior approval of a permit or IDPEPVDOther
Liner Seams:       Welded       Factory       Control         3       Closed-loop System:       Subsection H of 19.15         Type of Operation:       P&A       Drilling a new         Drying Pad       Above Ground Steel Tanks         Lined       Unlined       Liner type:         Liner Seams:       Welded       Factory       Ot         4       X       Below-grade tank:       Subsection I of 19.15.17.1         Volume:       120       bbl       Type         Tank Construction material:       Secondary containment with leak detection       Visible sidewalls and liner       Visible	.17.11 NMAC w well Workover or Drilling (Applies to notice of intent) Haul-off Bins Other ickness mil LLDPE H her 1 NMAC of fluid: Produced Water Metal X Visible sidewalls, liner, 6-inch lift and auto sidewalls only Other	bbl Dimensions Lx Wx D activities which require prior approval of a permit or IDPEPVDOther
Liner Seams: Welded Factory C  Closed-loop System: Subsection H of 19.15 Type of Operation: P&A Drilling a ne  Drying Pad Above Ground Steel Tanks Lined Unlined Liner type: Th Liner Seams: Welded Factory Ot	.17.11 NMAC w well Workover or Drilling (Applies to notice of intent) Haul-off Bins Other ickness mil LLDPE H her 1 NMAC of fluid: Produced Water Metal X Visible sidewalls, liner, 6-inch lift and auto sidewalls only Other	bbl Dimensions Lx Wx D activities which require prior approval of a permit or IDPEPVDOther
Liner Seams:       Welded       Factory       C         3       Closed-loop System:       Subsection H of 19.15         Type of Operation:       P&A       Drilling a new         Drying Pad       Above Ground Steel Tanks         Lined       Unlined       Liner type:         Liner Seams:       Welded       Factory       Ot         4       X       Below-grade tank:       Subsection I of 19.15.17.1         Volume:       120       bbl       Type         Tank Construction material:       Secondary containment with leak detection       Visible sidewalls and liner       Visible         5       5       Secondary       Secondary       Secondary       Secondary	.17.11 NMAC w well Workover or Drilling (Applies to notice of intent) Haul-off Bins Other ickness mil LLDPE H her 1 NMAC of fluid: Produced Water Metal X Visible sidewalls, liner, 6-inch lift and auto sidewalls only Other	bbl Dimensions Lx Wx D activities which require prior approval of a permit or IDPEPVDOther
Liner Seams:       Welded       Factory       Control         3       Closed-loop System:       Subsection H of 19.15         Type of Operation:       P&A       Drilling a new         Drying Pad       Above Ground Steel Tanks         Lined       Unlined       Liner type:         Liner Seams:       Welded       Factory       Ot         4       X       Below-grade tank:       Subsection I of 19.15.17.1         Volume:       120       bbl       Type         Tank Construction material:       Secondary containment with leak detection       Visible sidewalls and liner       Visible	.17.11 NMAC wwwell Workover or Drilling (Applies to notice of intent) Haul-off Bins Other ickness mil LLDPE H her 1 NMAC of fluid: Produced Water Metal X Visible sidewalls, liner, 6-inch lift and auto sidewalls only Other HDPE PVC X Other L	bbl Dimensions Lx Wx D activities which require prior approval of a permit or IDPEPVDOther omatic overflow shut-off Jnspecified

6       * <u>Fencing:</u> Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)         Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, in         Four foot height, four strands of barbed wire evenly spaced between one and four feet         X Alternate.       Please specify         4' hog wire fencing topped with two strands barbed wire.         7         Netting:       Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)         X       Screen         Monthly inspections (If netting or screening is not physically feasible)         8         Signs:       Subsection C of 19.15.17.11 NMAC         [12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	stitution or ch	(rch)					
X Signed in compliance with 19.15.3.103 NMAC							
<u>Administrative Approvals and Exceptions:</u> Instifications and/or demonstrations of gained provided provided and the second se							
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank:							
X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. (Fencing/BGT Liner)							
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.							
10	1	·					
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.							
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes	XNo					
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Yes	XNo					
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	XNo					
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)							
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image		_					
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits)	Yes X NA	No					
- 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.	Yes	XNo					
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.							
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended	Yes	XNo					
<ul> <li>Written confirmation or verification from the municipality; Written approval obtained from the municipality</li> <li>Within 500 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification man: Topographic man; Visual instruction (confiferation) of the managed size</li> </ul>	Yes	XNo					
<ul> <li>US Fish and Wildlife Wetland Identification map; Topographic map: Visual inspection (certification) of the proposed site</li> <li>Within the area overlying a subsurface mine.</li> <li>Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division</li> </ul>	Yes	XNo					
Within an unstable area.	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 - FEMA map	Yes	XNo					

1) <u>Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Check</u>	
instructions: Each of the following items must be attached to the application. Please indicate, by a check mark	in the box, that the documents are attached.
X Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of S	Subsection B of 19.15.17.9 NMAC
Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragra	
X Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.	17.10 NMAC
X Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	
X Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NM.	
X Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate 19.15.17.9 NMAC and 19.15.17.13 NMAC	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 19.15.17.9 NMAC         Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in         Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paulo Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate         Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC         Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMA         Closure Plan (Plance complete Porce 14 theorem 18. (for enclosure)) - log of 19.15.17.12 NMA	ragraph (3) of Subsection B of 19.15.17.9 te requirements of 19.15.17.10 NMAC
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate a NMAC and 19.15.17.13 NMAC	requirements of Subsection C of 19.15.17.9
Previously Approved Design (attach copy of design) API	
Previously Approved Operating and Maintenance Plan API	
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.1 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.1 Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NM Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC Licak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMA Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.20 NMAC Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Closure Plan - based upon the appropriate requirements of 19.15.17.9 NMAC and	7.9 NMAC 7.10 NMAC MAC 5.17.11 NMAC 19.15.17.11 NMAC NC 17.11 NMAC
Proposed Closure:       19.15.17.13 NMAC         Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plate         Type:       Drilling         Workover       Emergency         Cavitation       P&A         Permanent Pit       X Bell         Alternative         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 systems)         In-place Burial       On-site Trench         Alternative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Closure Method (Exceptions must be submitted to the Santa Federative Clos	low-grade Tank Closed-loop System
15	Christian Durcau for consideration)
10	

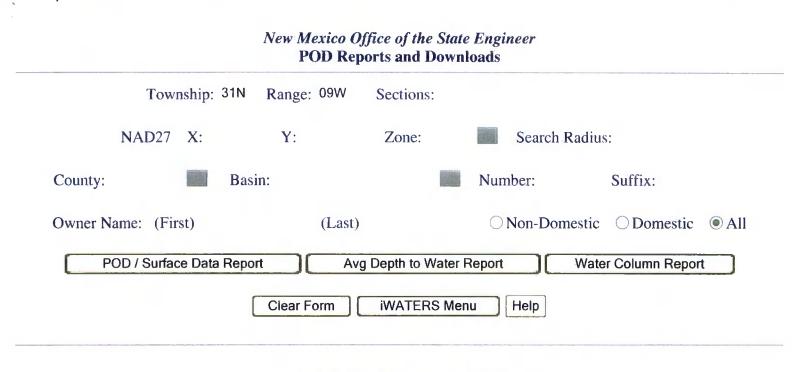
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16 <u>Waste Removal Closure For Closed-loop Systems That Utilize Above Grou</u> Instructions: Please identify the facility or facilities for the disposal of liquids.	ind Steel Tanks or Haul-off Bins Only: (19.15.17.13:D NMAC) drilling fluids and drill cuttings. Use attachment if more than two	) ) facilities						
Disposal Facility Name:	Disposed Enville Develop							
Disposal Facility Name: Will any of the proposed closed-loop system operations and associated a Yes (If yes, please provide the information No		service and operations?						
Required for impacted areas which will not be used for future service and oper         Soil Backfill and Cover Design Specification - based upon the ap         Re-vegetation Plan - based upon the appropriate requirements of         Site Reclamation Plan - based upon the appropriate requirements	propriate requirements of Subsection H of 19.15.17.13 NM. Subsection I of 19.15.17.13 NMAC	AC						
17 <u>Siting Criteria (Regarding on-site closure methods only:</u> 19.15.17.10 Instructions: Each siting criteria requires a demonstration of compliance in the closure certain siting criteria may require administrative approval from the appropriate distric for consideration of approval. Justifications and/or demonstrations of equivalency are	plan. Recommendations of acceptable source material are provided be t office or may be considered an exception which must be submitted to d	low: Requests regarding changes to te Santa Fe Environmental Bureau office						
Ground water is less than 50 feet below the bottom of the buried waste.		Yes No						
- NM Office of the State Engineer - iWATERS database search; USGS: D	ata obtained from nearby wells	N/A						
Ground water is between 50 and 100 feet below the bottom of the buried		Yes No						
- NM Office of the State Engineer - iWATERS database search; USGS; Da	ta obtained from nearby wells	N/A						
Ground water is more than 100 feet below the bottom of the buried waste	2	Yes No						
- NM Office of the State Engineer - iWATERS database search; USGS; Da	ta obtained from nearby wells							
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other (measured from the ordinary high-water mark).	significant watercourse or lakebed, sinkhole, or playa lake	Yes No						
- Topographic map: Visual inspection (certification) of the proposed site								
Within 300 feet from a permanent residence, school, hospital, institution, or chu - Visual inspection (certification) of the proposed site: Aerial photo; satellite	rch in existence at the time of initial application. image	Ycs No						
Within 500 horizontal feet of a private, domestic fresh water well or spring that purposes, or within 1000 horizontal fee of any other fresh water well or spring, i - NM Office of the State Engineer - iWATERS database; Visual inspection (	n existence at the time of the initial application.	Yes No						
<ul> <li>Within incorporated municipal boundaries or within a defined municipal fresh w pursuant to NMSA 1978, Section 3-27-3, as amended.</li> <li>Written confirmation or verification from the municipality: Written approv</li> </ul>		Yes No						
Within 500 feet of a wetland		Yes No						
<ul> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visu</li> <li>Within the area overlying a subsurface mine.</li> </ul>	al inspection (certification) of the proposed site							
- Written confiramtion or verification or map from the NM EMNRD-Mining	and Mineral Division	Yes No						
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology		Yes No						
Topographic map Within a 100-year floodplain. - FEMA map		Yes No						
18 On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: 1 by a check mark in the box, that the documents are attached.	Each of the following items must bee attached to the closur	re plan. Please indicate,						
Siting Criteria Compliance Demonstrations - based upon the appro-	priate requirements of 10,15,17,10 NMAC							
Proof of Surface Owner Notice - based upon the appropriate require								
Construction/Design Plan of Burial Trench (if applicable) based up								
Construction/Design Plan of Temporary Pit (for in place burial of a		9.15.17.11 NMAC						
Protocols and Procedures - based upon the appropriate requiremen								
Confirmation Sampling Plan (if applicable) - based upon the appro								
Waste Material Sampling Plan - based upon the appropriate require								
Disposal Facility Name and Permit Number (for liquids, drilling flu		nnot 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								

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

<b>(</b> 1)			
Operator Application	Certification:		
	nformation submitted with this application is true, acc	urate and complete to the h	pest of my knowledge and belief
	Crystal Fafoya	Title:	Regulatory Technician
Signature:			
	Curpter Define	Date:	12/22/2008
e mail address:	A STREET ROMAN & CODOL 2011/LIPS FROM	Telephone:	505-326-9837
20			
20 OCD Approval:	Permit Application (including closure plan)	Closure Plan (only)	OCD Conditions (see attachment)
		coostic r ian (only)	OOD Conditions (see anachment)
OCD Representative	Signature:		Approval Date:
Title:		OCD Burns	
		OCD Permi	
21			
Closure Report (requi	ired within 60 days of closure completion): Sut	section K of 19.15.17.13 NMAC	
Instructions: Operators a	re required to obtain an approved closure plan prior	to implementing any closur	e activities and submitting the closure report. The closure
report is required to be su	ibmitted to the division within 60 days of the complete	ion of the closure activities.	Please do not complete this section of the form until an
арриосса спомите ран на	s been obtained and the closure activities have been o		
		Closure	Completion Date:
22			
Closure Method:			
Waste Excavation	and Removal On-site Closure Method	Alternative Closure N	Method Waste Removal (Closed-loop systems only)
If different from a	pproved plan, please explain.		
23			
	ng Waste Removal Closure For Closed-loop System	is That Iltilize Above Gro	und Steel Tanks on Haul off Rins Only
Instructions: Please iden	tify the facility or facilities for where the liquids, driv	ling fluids and drill cutting	gs were disposed. Use attachment if more than two facilities
were utilized.			
Disposal Facility Name	e:		Permit Number:
Disposal Facility Name		Disposal Facility P	
	system operations and associated activities performed		be used for future service and opeartions?
		No	
percent of the second s	areas which will not be used for future service and of	perations:	
	Photo Documentation) ad Cover Installation		
=	dication Rates and Seeding Technique		
	incation rates and Seeding Technique		
24 Classes Daniel Att			
the box, that the docur		owing items must be attach	hed to the closure report. Please indicate, by a check mark in
	Notice (surface owner and division)		
	otice (required for on-site closure)		
~	site closures and temporary pits)		
Ξ	mpling Analytical Results (if applicable)		
	ampling Analytical Results (if applicable)		
	Name and Permit Number		
	ind Cover Installation		
	pplication Rates and Seeding Technique		
-	(Photo Documentation)		
On-site Closure 1		Longitude:	
Oll-Sile Closule I	Location: Latitude:		NAD [1927 [1983
25 Operator Clocure Cert	if ention .		
Operator Closure Cert		managed for dataset	d complete to the best of my knowledge and belief. I also certify that
	ormation and anachments submitted with this closure ill applicable closure requirements and conditions sp		
Name (Print):		Title:	
Signature:		Date:	
	······································	L'ait.	
e-mail address:		Telephone:	

### New Mexico Office of the State Engineer



#### WATER COLUMN REPORT 08/20/2008

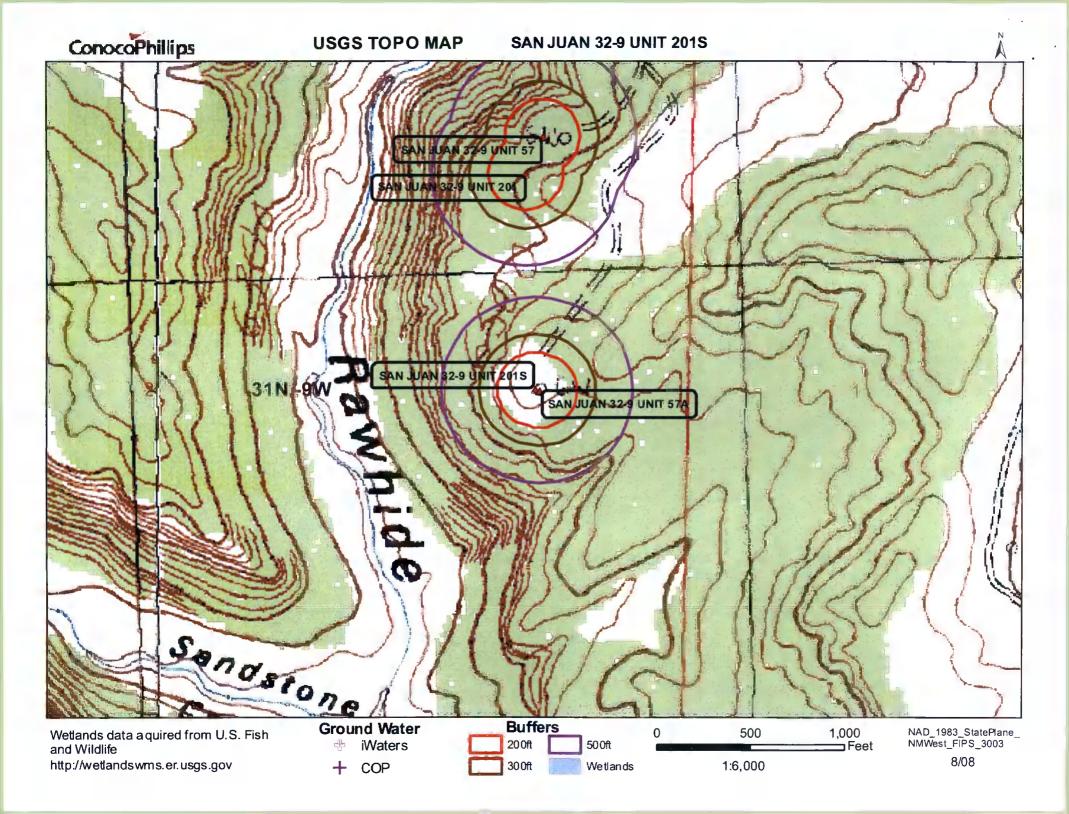
	(quarter	s are	1=1	W	2=NI	E 3=SW	4=SE)						
	(quarter	s are	big	gge	st 1	to smal	lest)			Depth	Depth	Water	(in feet)
POD Number	Tws	Rng	Sec	g	p p	Zone	x		Y	Well	Water	Column	
SJ 00014	31N	09W	10	3						462	312	150	
SJ 00013	31N	09W	10	3						458			
SJ 03769 POD1	31N	09W	14	2	32		274832	214714	5	4.85	390	95	
SJ 00023	31N	09W	17	3						550	200	350	
SJ 00015	31N	09W	19							610			
SJ 00022	31N	09W	20	2						202	120	82	
SJ 00052	31N	09W	20	3						510			
SJ 00029	31N	0.9W	21	4						178			
SJ 00016	31N	09W	27	4	33					118			

Record Count: 9

lew Mexico Of	fice of the State Engi	neer						Page 1 of
		New Mexico C POD Rej	<i>Office of the St</i> ports and Dov		neer			
	Township: 32N	Range: 09W	Sections:					
	NAD27 X:	Y:	Zone:		Search Ra	adius:		
County:	Bas	in:		Num	ber:	Suff	ix:	
Owner Na	me: (First)	(Last)		01	Non-Dome	stic OD	Oomestic	All
PO	D / Surface Data Repo	ort Av	g Depth to Wate	er Report		Water Colu	imn Report	
		Clear Form	IWATERS M	/lenu	Help			
		WATER CO	DLUMIN REPORT	08/20/	2008			
	(quarters are (quarters are	biggest to su	mallest)		Depth	Depth		(in feet)
OD Number J 03131	<b>Tws Rng </b> 32N 09W 2		one X	Y	Well 843	Water 580	<b>Column</b> 263	

.

Record Count: 1



# ConocoPhillips

# AERIAL MAP SAN JUAN 32-9 UNIT 201S



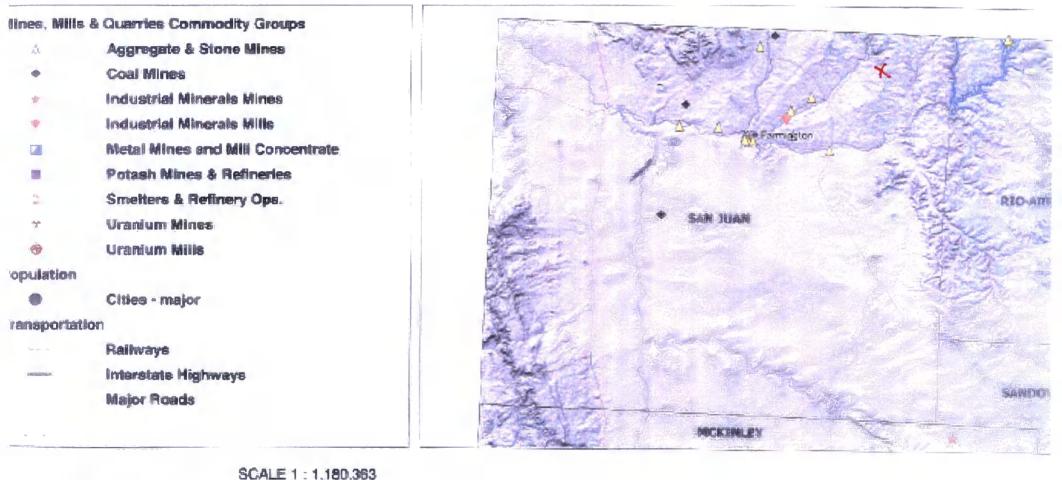
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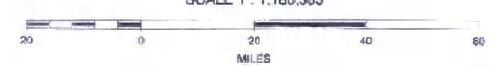
8/08

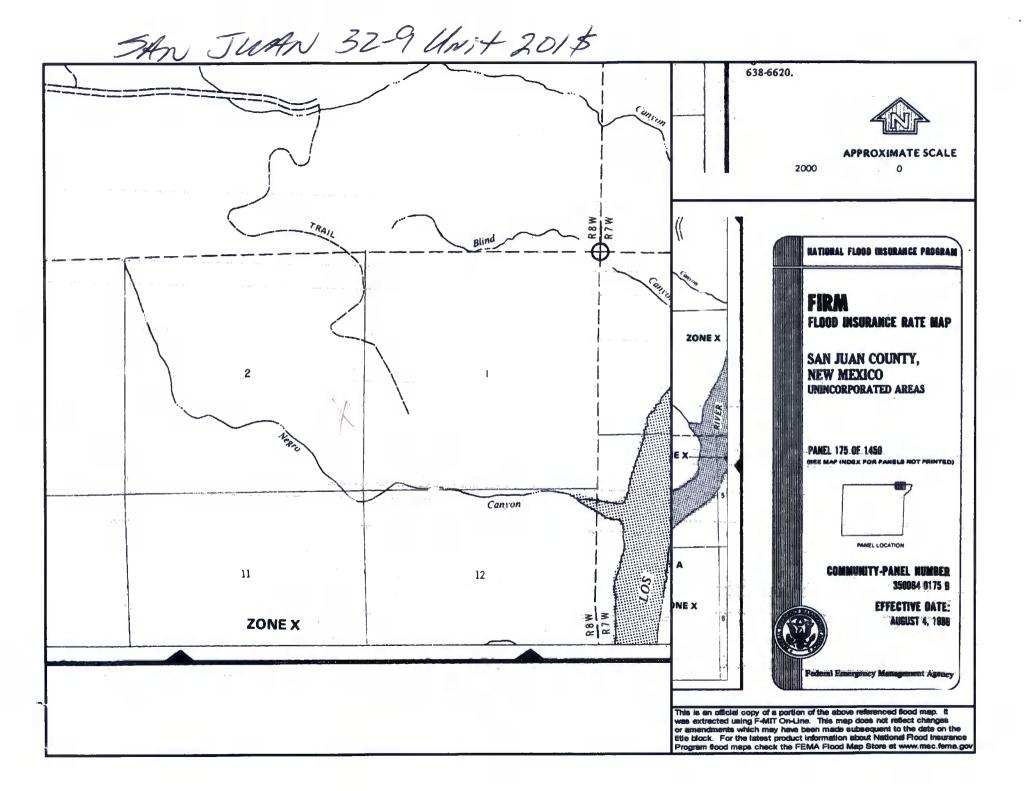
# Mines, Mills and Quarries Web Map

**SAN JUAN 32-9 UNIT 201S** 

Unit Letter: I, Section: 02, Town: 031N, Range: 009W







#### **SAN JUAN 32-9 UNIT 201S**

#### Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'SAN JUAN 32-9 UNIT 201S', which is located at 36.92442 degrees North latitude and 107.7431 degrees West longitude. This location is located on the Anastacio Spring 7.5' USGS topographic quadrangle. This location is in section 2 of Township 31 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 Cedar Hill, located 8.1 miles to the west. The nearest large town (population greater than 10,000) is Durango, located 25.3 miles to the north (National Atlas). The nearest highway is State Highway 511, located 3.9 miles to the east. The location is on State land and is 799 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 1993 meters or 6537 feet above sea level and receives 14.5 inches of rain each year. The vegetation at this location is classified as Colorado Plateau Pinion-Juniper Woodland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 358 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 1,194 feet to the southwest and is classified by the USGS as an intermittent stream. The nearest perrenial stream is 2,192 feet to the southwest. The nearest water body is 3,154 feet to the north. It is classified by the USGS as an intermittent lake and is 0.2 acres in size. The nearest spring is 7,720 feet to the east. All stream, river, water body and spring information was determined as per the USGS Hydrographic Dataset (High Resolution), downloaded 3/2008. The nearest water well is 8,761 feet to the south. The nearest wetland is a 1.3 acre Riverine located 2,459 feet to the south. The slope at this location is 3 degrees to the southwest as calculated from USGS 30M National Elevation Dataset. This information is also discerned from the aerial and topographic map included. The surface geology at this location is SAN JOSE FORMATION--Siltstone, shale, and sandstone with a Sandstone dominated formations of all ages substrate. The soil at this location is 'Travessilla-Weska-Rock outcrop complex, moderately steep' and is well drained and not hydric with severe erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 8.7 miles to the west as indicated on the Mines, Mills and Quarries Map of New Mexico provided.

#### Regional Hydrogeological context:

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

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

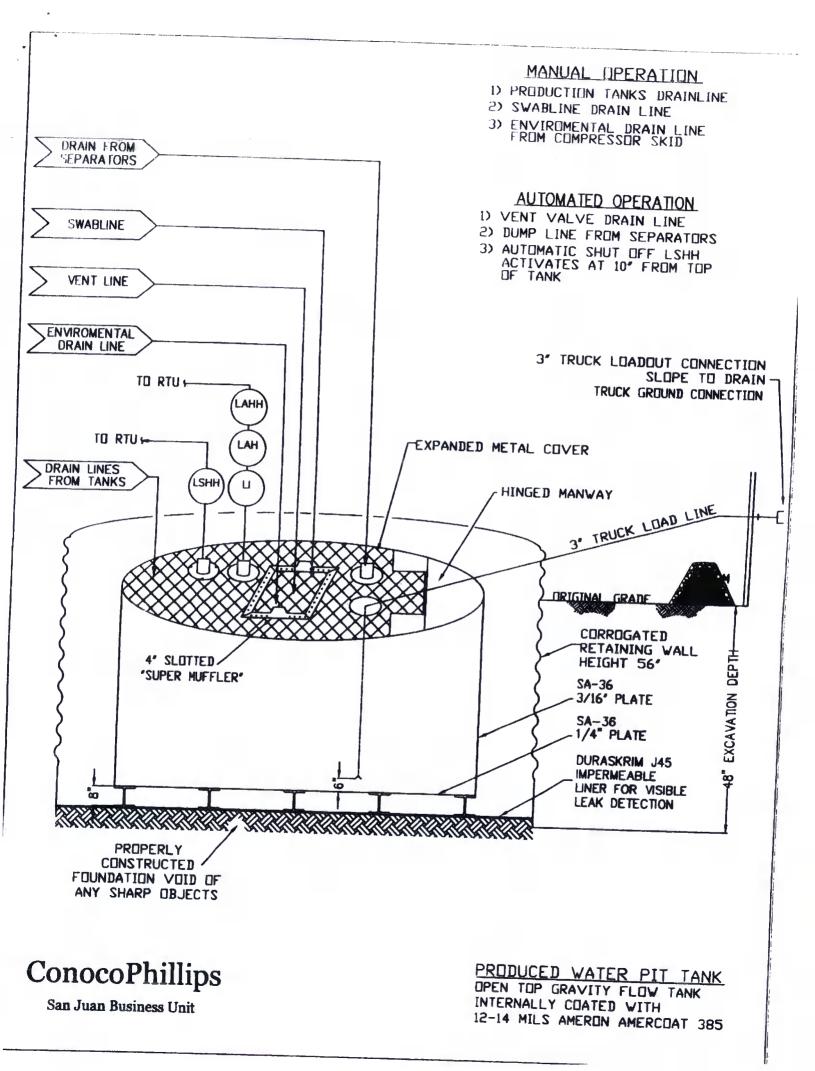
# Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Design and Construction

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 property 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 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.
- 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.



#### PROPERTIES TEST METHOD J30BB J36BB J458日 Min. Roll Typical Roll Min Roll Typical Roll Min. Roll Typical Roll Averages Averages Averages Averages Averages Averages Appearance Black/Black Black/Black Black/Black Thickness **ASTM D 5199** 27 mil 30 mil 32 mil 36 mil 40 mil 45 mil Weight Lbs Per MSF 126 lbs 140 lbs **ASTM D 5261** 151 lbs (oz/yd²) 168 lbs 189 lbs 210 lbs (18.14)(20.16)(21.74)(24.19)(27.21)(30.24)Construction \*\*Extrusion laminated with encapsulated tri-directional scrim reinforcement Ply Adhesion **ASTM D 413** 16 lbs 20 lbs 19 lbs 24 Ibs 25 lbs 31 lbs 88 lbf MD 1" Tensile Strength 110 lbf MD ASTM D 7003 90 lbf MD 113 Ibf MD 110 lbf MD 138 lbf MD 63 lbf DD 79 lbf DD 70 lbf DD 87 lbf DD 105 lbf DD 84 lbf DD 1" Tensile Elongation (a) 550 MD 750 MD ASTM D 7003 550 MD Break, % (Film Break) 750 MD 550 MD 750 MD 550 DD 750 DD 550 DD 750 DD 550 DD 750 DD 1" Tensile Elongation (d) 20 MD 33 MD **ASTM D 7003** 20 MD Peak % (Scrim Break) 30 MD 20 MD 36 MD 20 DD 33 DD 20 DD 31**DD** 20 DD 36 DD 75 lbf MD Tongue Tear Strength 97 Ibf MD ASTM D 5884 75 lbf MD 104 Ibf MD 100 lbf MD 117 lbf MD 75 lbf DD 90 lbf DD 75 lbf DD 92 Ibf DD 100 lbf DD 118 lbf DD Grab Tensile 180 lbf MD 218 lbf MD ASTM D 7004 180 lbf MD 222 lbf MD 220 lbf MD 180 lbf DD 257 lbf MD 210 lbf DD 180 lbf DD 223 lbf DD 220 lbf DD 258 lbf DD Trapezoid Tear 120 lbf MD 146 lbf MD 130 lbf MD ASTM D 4533 189 lbf MD 160 lbf MD 193 lbf MD 141 lbf DD 120 lbf DD 130 Ibf DD 172 lbf DD 160 lbf DD 191 lbf DD \* Dimensional Stability ASTM D 1204 <1 <0.5 <1 <0.5 <1 <0.5 Puncture Resistance ASTM D 4833 50 lbf 64 lbf 65 lbf 83 lbf 80 Ibf 99 lbf Maximum Use Temperature 180° F 180° F 180° F 180° F 180° F 180° F Minimum Use Temperature -70° E -70° F -70° F -70° F -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 J308B, J368B & J458B 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 J308B, J368B & J458B are reinforced with a 1300 denier (minimum) tri-directional scrim reinforcement.

Hote: EAVEN UNDUSTRIES MAKES NO MARRANTIES AS TO THE FITMESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO no guarantee of substactory results from resince upon contained information or recommendations and probams will uponly for resulting loss or damage.



# PLANT LOCATION

Sioux Falls, South Dakota

# SALES OFFICE

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

# RAVEN INDUSTRIES INC. EXPOSED GEOMEMBRANE LIMITED WARRANTY

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

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, 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 REFERED 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 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.
- 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 division approves, does not exceed 100 mg/kg; and the chloride concentration, as determined by EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. 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
  - 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