Participant Participant Per temporary pits, dosed-loop system, and being permanent in the appropriate MMCCD District Office. Participant Per temporary pits, dosed-loop system, and being permanent pits, dosed-loop system, and being permanent pits, dosed-loop system, and being permitted provide a copy to the appropriate NMCCD District Office. Processes Ran. Acte: NM 8740 Santa Fe, NM 87505 For permanent places affice and exceptions submit to the same provide a copy to the appropriate NMCCD District Office. Plantstill Non-construction of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-1144) per individual pit, closed-loop system, below-grade tank, or proposed alternative environment. Nor does approved relieve the operator of its responsibility to conspl with any other splicable government authority's nile, regulations or ordinance. 1 Operator: Builtington Resources Oil & Gas Company, LP OGRID#: 14538 2 Polos 4289, Farmington, NM 87499 Focility or well name: SAN JUAN 27-5 UNIT 56A API Number: 3003922378 OCD Permit Number: 0CRID#: 14538 2 Ptit: Subsection F or G of 19.15.17.11 NMAC Torunship: Z7N Range: SW	1625 N French De Hable Mild Contro	State of New Mexico Form (
Permittion		Is and Natural Resources July 2 For temporary pits, closed-loop sytems, and below-gr
Now now server, ALC, NM 8710 Santa Fe, NM 87505 For permanent pits and receptions submit to be San perpendient Direct of the server submit to the San perpendient Direct of the server submit to the San perpendient Direct of the server submit to the San perpendient Direct of the server submit to the San perpendient Direct of the server submit to the San perpendient Direct of the server submit to the San perpendient Direct of the server submit to the San perpendient Direct of the server submit to the San perpendient Direct Direct Office. Number: Network Direct	REGISTER	(ED) ervation Division th St. Francis Dr.
1220 S. St. Francis Dr., Suna Fe, NM 87505 Pric, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application Type of action: XPermit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-14) per individual pit, closed-loop system, below-grade tank or alternative method Instructions: Please submit one application (Form C-14) per individual pit, closed-loop system, below-grade tank or alternative r Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of urface water, ground water or the environment. Not does approval relieve the operator of liability should operations result in pollution of urface water, ground water or the environment. Not does approval relieve the operator of liability should operations result in pollution of urface water, ground water or the environment. Not does approval relieve the operator of liability should operations result in pollution of urface water, ground water or the environment. Not does approval relieve the operator of liability should operations result in pollution of urface water, ground water or the environment. Not does approval relieve the operator of liability in comply with any other applicable governmental authority in let. regulations or antinaces. 1 Operator: Builting the Note State St	District IV	Santa Fe, NM 87505 For permanent pits and exceptions submit to the Santa Environmental Bureau office and provide a copy to the
Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application Type of action:	1220 S. St. Francis Dr., Santa Fe, NM 87505	appropriate NMOCD District Office.
Proposed Alternative Method Permit or Closure Plan Application Type of action:		Pit, Closed-Loop System, Below-Grade Tank, or
Type of action: Yermit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative r Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority'n tales, regulations or ordinances. 1 Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538 Address: PO Box 4289, Farmington, NM 87499 Facility or well name: SAN JUAN 27-5 UNIT 56A API Number: 3003922378 OCD Permit Number: UL or Qtr/Qtr: E Section: 34 Township: 27N Range: 5W County: Rio Arriba Center of Proposed Design: Latitude: 36:53319°N Longitude: -107.3515°W NAD: X]1927 Surface Owner: <td< td=""><td>Propos</td><td>sed Alternative Method Permit or Closure Plan Application</td></td<>	Propos	sed Alternative Method Permit or Closure Plan Application
☐ Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method ☐ Modification to an existing permit ☐ Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system Delow-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-1/4) per individual pit, closed-loop system, below-grade tank or alternative or Please be advied that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the certification (Form C-1/4) per individual pit, closed-loop system, below-grade tank or alternative of display should operations result in pollution of surface water, ground water or the certification (Form C-1/4) per individual pit, closed-loop System, below-grade tank or alternative of display should operations result in pollution of surface water, ground water or the certification (Form C-1/4) per individual pit, closed-loop System, below-grade tank or alternative of display should operations result in pollution of surface water, ground water or the certification (Form C-1/4) per individual pit, closed-loop System, below-grade tank or alternative of display should operations result in pollution of surface water, ground water or the certification (Form C-1/4) per individual pit, closed-loop System, solosystem, NM 87499 Parting on Wethow Play State PO Box 4289, Farmington, NM 87499 Facility or well name: SAN JUAN 27-5 UNIT 56A All or Qtr? tr E Section: 34 Out or Qtr? tr E Section: 34 Surface Owner: Federal	Type of action:	X Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
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Instructions: Prease submit one application (Form C-143) per individual pit, close4-loop system, below-grade tank or atternative i <pre>Prease be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, regulations or ordinances. </pre> <pre> Please be advised that approval of this request does not relieve the operator of liability to comply with any other applicable governmental authority's niles, regulations or ordinances. </pre> <pre> Polsx 4289, Farmington, NM 87499 Facility or well name: SAN JUAN 27-5 UNIT 56A API Number: 3003922378 OCD Permit Number: U/L or Qtr/Qtr: E Section: 34 Township: 27N Range: 5W County: Rio Arriba Center of Proposed Design: Latitude: 36.53319°N Longitude:077.515°W NAD: X 1927[Surface Owner: Federal State X Private Tribal Trust or Indian Allotment</pre>		below-grade tank, or proposed alternative method
I rease of advised that opproval of this regised uses the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. 1 Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538 Address: PO Box 4289, Farmington, NM 87499 Facility or well name: SAN JUAN 27-5 UNIT 56A API Number: 3003922378 OCD Permit Number: U/L or Qtr/Qtr: E Section: 34 Center of Proposed Design: Latitude: 36.53319°N Longitude: -107.3515°W NAD: X 1927 Surface Owner: Federal State X Private Tribal Trust or Indian Allotment 2 Pti: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A	Instructions: Please submit one d	application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative re
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API Number: 3003922378 OCD Permit Number: U/L or Qtr/Qtr: E Section: 34 Township: 27N Range: 5W County: Rio Arriba Center of Proposed Design: Latitude: 36.53319°N Longitude: -107.3515°W NAD: X 1927[Surface Owner: Federal State X Private Tribal Trust or Indian Allotment 2 Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A	Address: PO Box 4289, Farmingto	27 5 LINUT 54 A
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Surface Owner:	Center of Proposed Design: Latitud	Longitude: NAD: X 1927
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		Liner type: Thickness mil LLDPE HDPE PVC Other Factory Other Volume: bbl Dimensions L x W x D Extion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit notice of intent) und Steel Tanks Haul-off Bins Other ter type: Thickness mil LLDPE HDPE PVD Other
	Closed-loop System: Close	Liner type: Thickness mil LLDPE HDPE PVC Other Factory Other Volume: bbl Dimensions L x W x D Control H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit notice of intent) und Steel Tanks Haul-off Bins Other ter type: Thickness mil LLDPE HDPE PVD Other Factory Other
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Volume: 120 bbl Type of fluid: Produced Water		Liner type: Thickness mil LLDPE HDPE PVC Other Factory Other Volume: bbl Dimensions L x W x D ction H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permin notice of intent) und Steel Tanks Haul-off Bins Other ter type: Thickness mil LLDPE HDPE PVD Other Factory Other
Volume: 120 bbl Type of fluid: Produced Water Tank Construction material: Metal		Liner type: Thickness mil LLDPE HDPE PVC Other Factory Other Volume: bbl Dimensions L x W x D Stion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit notice of intent) und Steel Tanks Haul-off Bins Other ter type: Thickness mil LLDPE HDPE PVD Other Factory Other factory Other
Volume: 120 bbl Type of fluid: Produced Water Tank Construction material: Metal Secondary containment with leak detection X Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off		Liner type: Thickness mil LLDPE HDPE PVC Other Factory Other Other Volume:bbl Dimensions L x W x D Extion H of 19.15.17.11 NMAC Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit notice of intent) und Steel Tanks Haul-off Bins Other er type: Thickness mil LLDPE HDPE PVD Other Thickness mil LLDPE HDPE PVD Other Other Metai detection X Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
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Fencing: Subsection D of 19.15.17.11 NMAC (Applies to nermanent not temporary parts on the last section 1.15							
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospite	1 institution or down.						
U 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 Netting Other							
Monthly inspections (If netting or screening is not physically feasible)							
8							
Signs: Subsection C of 19.15.17.11 NMAC							
12" X 24", 2" fettering, providing Operator's name, site location, and emergency telephone numbers							
X Signed in compliance with 19.15.3.103 NMAC							
9							
Administrative Approvals and Exceptions:							
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.							
Please check a box if one or more of the following is requested, if not leave blank:							
X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for (Fencing/BGT Liner)	consideration of approval.						
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.							
10							
Siting Criteria (regarding permitting): 19.15.17.10 NMAC							
Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable							
appropriate district office or may be considered an exception which must be submitted to the Santa Fe Emission approval from the							
consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria							
thes 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, lakehed, sinkhole, or playe							
lake (measured from the ordinary high-water mark).							
reprojection (certification) of the proposed site							
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes XNo						
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)							
- 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)							
- 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 to a							
adopted pursuant to NMSA 1978, Section 3-27-3, as amended	Yes X No						
 written contirmation or verification from the municipality; Written approval obtained from the municipality Within 500 fast of a written d 							
- US Fish and Wildlife Wetland Identification man: Tonographic man: Visual internation () if a visual internation	Yes X No						
Within the area overlying a subsurface mine.							
- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes X No						
Within an 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							
- FEMA map							

Temp Instru	Marary Dite L'invegence Dite : 111 -
Instru	sorary rus, rancigency rus and Below-grade Tanks Permit Application Attact to the second
1 1	ctions: Each of the following items must be attached to the application. Please indicate by a check work in the barrier of 19.15.17.9 NMAC
1 13	Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subagaine D. Change at ached.
	Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragents (2) - (2)
	Siting Criteria Compliance Demonstrations - based upon the appropriate annual of 19:15.17.9
X	Design Plan - based upon the appropriate requirements of 10.15.17.10 NMAC
X	Operating and Maintenance Plan - based noon the agent and it
Ī	Closure Plan (Plansa complete Device 14)
	19.15.17.9 NMAC and 19.15.17.13 NMAC
Pre	viously Approved Design (attach copy of design)
12	or Permit
Closec	I-loop Systems Permit Application Attachment Checklist: Subsection B of 19 15 17 0 NMAC
- Instruct	tions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are structed.
Н	Sites (2) is a graph of the state only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19 15 17 9
H	Stung Unterta Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
님	Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
	Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC
	Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the second of the second sec
	NMAC and 19.15.17.13 NMAC
Prev	iously Approved Design (attach copy of design) API
Prev	iously Approved Operating and Maintenance Plan API
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Permar	pent Pits Desmit Application (1) billion and
Instructi	inter this retuint Application Checklist: Subsection B of 19.15.17.9 NMAC
	ons: 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
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	iting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC
	Imatological Factors Assessment
H	ertified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
	hike Protection and Structural Integrity Design, based upon the appropriate service of the service ser
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Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NM Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than are required.	IAC) I-two fueilitio
Disposal Facility Name:	a constant do attaca
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Will any of the proposed closed loop system and the proposed close	
Yes (If yes, please provide the information No	ture service and operations?
 Soil Backfill and Cover Design Specification - based upon the appropriate requirements of Subsection H of 19.15.17.13 N 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 	NMAC
17 Siting Criteria (Decard)	
Instructions: Each siting criteria reanires a demonstration of source 19,15,17,10 NMAC	
certain siting criteria may require administrative approval from the appropriate in the closure plan. Recommendations of acceptable source material are provided for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for surfaces	l below, Requests regarding changes to to the Santa Fe Environmental Bureau offic
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
Ground water is between 50 and 100 feet below the bottom of the buried and	N/A
- NM Office of the State Engineer - iWATERS database search: USGS: Data shallor of the	Yes No
iround water is more than 100 f and the second search, 05005, Data obtained from nearby wells	
- NM Office of the State Engineer, WATER care in a	Yes INO
Nicht and State Engineer - IWATERS database search; USGS; Data obtained from nearby wells	
Villin 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	
 Visual inspection (certification) of the proposed size: Aerial photon actilize in 	Yes No
proposed site, vienal photo, saleline image	
/ithin 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering inposes, 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 (application for for the initial application.)	Yes No
ithin incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted irsuant to NMSA 1978, Section 3-27-3, as amended. Written confirmation or verification from the site of the	Yes No
ithin 500 feet of a wetland	
· US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (conif. a)	Yes No
ithin the area overlying a subsurface mine.	
- Written confirantion or verification or map from the NM EMNRD-Mining and Mineral Division	Yes No
thin an unstable area.	
 Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; 	Yes No
uthin a 100-year floodplain. - FEMA map	Yes No
<u>-Site Closure Plan Checklist:</u> (19.15.17.13 NMAC) Instructions: Each of the following items must bee attached to the closur a check mark in the box, that the documents are attached.	re plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of to to to to to	
Proof of Surface Owner Notice - based upon the appropriate requirements of Subjection E of 10.15.17.10 NMAC	
Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate participation of 19.15.17.13 NMAC	
Construction/Design Plan of Temporary Pit (for in place burial of a drying god) have a propriate requirements of 19.15.17.11 NMAC	
Protocols and Procedures - based upon the appropriate requirements of 19 15 17 13 NMAC	0.15.17.11 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subardian Plan (if applicable)	
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 drilling fluids)	
Soil Cover Design - based upon the appropriate requirements of Subsection H of 10.15 17 12 based on site closure standards can	not be achieved)
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	

s., 7

Operator Application	lertification:		
Thereby certify that the inf Name (Print):	ormation submitted with this application is true, accu	irate and complete to the	best of my knowledge and belief.
Simatura:	Crystal Taloya	Title:	Regulatory Technician
a mail addresses	aptal lapeyon	Date:	12/22/2008
	Micora, IstoAd & conocobuilitioacou	Telephone:	505-326-9837
20 DCD Approvat-	ermit Application (including slower plan)		
OCD Representative Si	mature:	Closure Plan (only)	OCD Conditions (see attachment)
Par .	çnatur e.		Approval Date:
		OCD Perm	it Number:
21 Closure Report (required Instructions: Operators are report is required to be sub- upproved closure plan has b	A within 60 days of closure completion): Subscreautred to obtain an approved closure plan prior to nitted to the division within 60 days of the completio seen obtained and the closure activities have been co	ection K of 19.15.17.13 NMAC • implementing any closur of the closure activities impleted. Closure	re activities and submitting the closure report. The closure 5. Please do not complete this section of the form until an Completion Date:
22			
Surre Method: Waste Excavation a If different from app	nd Removal On-site Closure Method roved plan. please explain.	Alternative Closure N	Method Waste Removal (Closed-loop systems only)
3 Josure Report Regarding	Waste Removal Closure For Closed Joon Sustantia	That Hitles At	
astructions: Please identif	the facility or facilities for where the liquids, drilli	ng fluids and drill cutting	und Steel Tanks or Haul-off Bins Only: gs were disposed. Use attachment if more than two facilities
Disposal Encility Name			s and a second s
Disposal Facility Name:		Disposal Facility P	Permit Number:
Were the closed-loop sys	em operations and associated activities performed o	Disposal Facility P	ermit Number:
Yes (If yes, please de	monstrate compliane to the items below)	No	be used for influre service and opeantions?
Required for impacted ar	eas which will not be used for future service and ope	rations:	
Site Reclamation (Pf	oto Documentation)		
Soil Backfilling and	Cover Installation		
Re-vegetation Applic	ation Rates and Seeding Technique		
Closure Report Attac	mont Charlinte Instruction Data and		
the box, that the docume	its are attached.	ving tiems must be attach	ted to the closure report. Please indicate, by a check mark in
Proof of Closure No	otice (surface owner and division)		
Proof of Deed Noti	e (required for on-site closure)		
Plot Plan (for on-sit	e closures and temporary pits)		
Confirmation Samp	ling Analytical Results (if applicable)		
Waste Material San	pling Analytical Results (if applicable)		
Disposal Facility Na	me and Permit Number		
Soil Backfilling and	Cover Installation		
Re-vegetation Appl	cation Rates and Seeding Technique		
Site Reclamation (P	noto Documentation)		
On-site Closure Loc	ation: Latitude:	Longitude:	NAD [] 1927 [] 1983
perator Closure Certific	ation:		
creby certify that the inform	nation and attachments submitted with this closure re applicable closure requirements and conditions speci	port is ture, accurate and fied in the approved close	l complete to the best of my knowledge and belief. I also certify that tre plan.
closure complies with all a		Title.	
closure complies with all one (Print):		L'ine:	
closure complies with all a me (Print):		Date:	
closure complies with all o me (Print): mature:		Date:	

New Mexico Office of the State Engineer

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New Mexico Office of the State Engineer POD Reports and Downloads
Township: 27N Range: 05W Sections:
NAD27 X: Y: Zone: Search Radius:
County: Basin: Number: Suffix:
Owner Name: (First) (Last) C Non-Domestic C Domestic All
POD / Surface Data Report Avg Depth to Water Report Water Column Report
Clear Form iWATERS Menu Help
WATER COLUMN REPORT 08/20/2008 (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) Depth Depth Water (in

	(quarter	rters are biggest to smalle			smallest)		Depth	Depth	Water	(1n		
POD Number	Tws	Rng	Sec	a	a	Q	Zone	х	Y	Well	Water	Column	
RG 81026	27N	05W	27	4	4	3				460	186	274	
SJ 00199	27N	05W	03	2	1					1840			
SJ 00046	27N	05W	04	4	4					506	260	246	

Record Count: 3

Page 1	l of	1
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	New Mexic POD	o Office of the Sta Reports and Dov	ate Engineer vnloads		
]	Township: 26N Range: 05	N Sections:		na an a	_
NAI	D27 X: Y:	Zone:	Sear	ch Radius:	1
County:	Basin:		Number:	Suffix	c:
Owner Name:	(First) (L	ast)	C Non-I	Domestic CD	omestic • All
POD/S	urface Data Report	Avg Depth to Wate	er Report	Water Colu	mn Report
	Clear Form	IWATERS M	lenu Help	1	
	WA	TER COLUMN REP	ORT 08/20/20	008	
	(quarters are 1=NW 2= (quarters are biggest	NE 3=SW 4=SE) to smallest)		Depth Dep	th Water (in
POD Number	Tws Rng Sec q q	q Zone 2	к Ү	Well Wate	r Column

No Records found, try again



ConocoPhillips

AERIAL MAP SAN JUAN 27-5 UNIT 56A



Mines, Mills and Quarries Web Map

SAN JUAN 27-5 UNIT 56A

Unit Letter: E, Section: 34, Town: 027N, Range: 005W





SAN JUAN 27-5 UNIT 56A

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'SAN JUAN 27-5 UNIT 56A', which is located at 36.53319 degree, North latitude and 107.3515 degree, West longitude. This location is located on the Vigas Canyon 7.5' USGS topographic quadrangle. This location is in section 34 of Township 27 North Range 5 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 Turley, located 28.2 miles to the northwest. The nearest large town (population greater than 10,000) is Farmington, located 49.4 miles to the west (National Atlas). The nearest highway is State Highway 537, located 9.0 miles to the east. The location is on Private land and is 1,812 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 1984 meters or 6507 feet above sea level and receives 11.5 inches of rain each year. The vegetation at this location is classified as Inter-Mountain Basins Greasewood Flat as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 163 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 342 feet to the northeast and is classified by the USGS as an intermittent stream. The nearest perennial stream is 3.052 feet to the southeast. The nearest water body is 3,043 feet to the southeast. It is classified by the USGS as an intermittent lake and is 0.2 acres in size. The nearest spring is 18,606 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 4,010 feet to the northeast. The nearest wetland is a 0.3 acre Freshwater Forested/Shrub Wetland located 1,145 feet to the north. The slope at this location is 3 degree, to the east 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 'Sparank-San Mateo silt loams, saline, sodic, 0 to 3 percent slopes' and is well drained and not hydric with slight erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 20.7 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 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 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 personnel are not onsite.
- 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 J36BE J45BE Min. Roll Typical Roll Min. Roll Typical Roll Min. Roll Averages Typical Roll Averages Averages Averages Averages Appearance Averages 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 (oz/yd2) ASTM D 5261 151 lbs 168 lbs 189 lbs 210 lbs (18.14)(20.16)(21.74)(24.19)(27.21). (30.24)

Construction	1	**Ev	trusion laminate				(00.24)		
Ply Adhesion	ASTNO 442	to a							
	ASTIVID 413	16 lbs	20 lbs	19 lbs	24 lbs	25 lbs	31 lbs		
1" Tensile Strength	ASTM D 7003	88 Ibf MD 63 Ibf 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		
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	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		
Trapezold Tear	ASTM D 4533	120 lbf MD 120 lbf DD	146 lbf MD 141 lbf DD	130 lbf MD 130 lbf DD	189 lbf MD 172 lbf DD	160 lbf MD 160 lbf DD	193 lbf MD		
* Dimensional Stability	ASTM D 1204	<1	<0.5	<1	<0 F				
Puncture Resistance	ASTM D 4833	50 lbf	64 lbf		~U.3	<1	<0.5		
Maximum Use Temperature				65 lbf	83 lbf	80 lbf	99 lbf		
Minimum Line Terment		180° F							
		-70° F							
U = Wathing Ulterion									

MD = Machine Direction

DD = Diagonal Directions

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

*Dimensional Stability Maximum Value

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

Note: IRAVEN INDUSTRIES MAKES NO. WARRANTIES AS TO THE FITMESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO: no guarantee of substationy results from Jeaance upon contained information or recommendations and psourms all upper processing 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**

 \checkmark

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 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.
- 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