District I	State of New Mexico	Form C-1 July 21, 20 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.			
REGISTERED	Department Conservation Division South St. Francis Dr.				
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.			
Pit, Clo	osed-Loop System, Below-Grad	e Tank, or			
Proposed Alter	mative Method Permit or Closur	e Plan Application			
Type of action: X Permi	t of a pit, closed-loop system, below-grade t	ank, or proposed alternative method			
Closur Modif	re of a pit, closed-loop system, below-grade fication to an existing permit	tank, or proposed alternative method			
Closur	re plan only submitted for an existing permit- grade tank, or proposed alternative method	tted or non-permitted pit, closed-loop system,			
Instructions: Please submit one application Please be advised that approval of this request of environment. Nor does approval relieve the operate	(Form C-144) per individual pit, closed-loc does not relieve the operator of liability should operations n or of its responsibility to comply with any other applicable	pp system, below-grade tank or alternative request esult in pollution of surface water, ground water or the governmental authority's rules, regulations or ordinances.			
Departor: Burlington Resources Oil & Gas C	ompany, LP	OGRID#: <u>14538</u>			
Address: PO Box 4289, Farmington, NM 87 Eacility or well name: SAN IIIAN 27-5 UNIT	999 96F				
API Number: 300392264	1 OCD Permit Numbe	Г.			
U/L or Qtr/Qtr: H Section: 15	Township: 27N Range: 4	5W County: Rio Arriba			
Center of Proposed Design: Latitude: Surface Owner: X Federal Sta	36.57614°N Longitude:	-107.33954°W NAD: X 1927 1983			
Temporary:       Drilling       Workover         Permanent       Emergency       Cavitation         Lined       Unlined       Liner type:         String-Reinforced       Liner Seams:       Welded       Factory	P&A Thickness mil LLDPE	HDPE PVC Other bbl Dimensions L x W x D			
3       Closed-loop System:       Subsection H of 19.         Type of Operation:       P&A       Drilling a         Image: Drying Pad       Above Ground Steel Tail         Image: Lined       Unlined       Liner type:         Liner Seams:       Welded       Factory	15.17.11 NMAC new well Workover or Drilling (Applies to notice of intent) nks Haul-off Bins Other Thicknessmil LLDPE H Other	activities which require prior approval of a permit or			
4         X       Below-grade tank:       Subsection I of 19.15.17         Volume:       120       bbl       Typ         Tank Construction material:	7.11 NMAC pe of fluid: <u>Produced Water</u> <u>Metal</u> X Visible sidewalls, liner, 6-inch lift and auto ole sidewalls only Other HDPE PVC X Other L	omatic overflow shut-off			
5 Alternative Method: Submittal of an exception request is required. Exc	eptions must be submitted to the Santa Fe Enviro	nmental Bureau office for consideration of approval.			
Form C-144	Oil Conservation Division	Page 1 of 5			

Generative Subsection D of 19.15.17.11 NMAC (Applies to permanent ptt, temporary pits, and below-grade tanks)     Chain link, six feet in height two strands of barbad wire set to a D						
Four foot height, four strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)						
Vulue and the stands of barbed wire evenly spaced between one and four feet						
A nog wire tencing 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 Signis: Subsection C of 19.15.17.11 NMAC						
12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers						
X Signed in compliance with 19.15.3.103 NMAC						
9 <u>Administrative Approvals and Exceptions:</u> Justifications and/or demonstrations of equivalency are required. Please refer to 19-15-17 NMACL6 and the						
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						
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.	Yes No					
- Visual inspection (certification) of the proposed site: Aerial photo: Saturities imposed	XNA					
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 Written confirmation or verification from the municipal in Write	Yes XNo					
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification man: Tonormatic and Mildlife Wetland Identification man: Tonormatic and Mildlife Wetland	Yes XNo					
Within the area overlying a subsurface mine. Written confirmation or verification or man from the NMA EMMED. Market and the second state	Yes XNo					
Within an unstable area						
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	Yes XNo					
Within a 100-year floodplain FEMA map	Yes XNo					

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Temporary Pits, Emergency Pits and Below-grade	Tauks Permit Application Attachment Checklist: Subsection B of 19-15-17-0-804 AC
X Hydrogeologic Report (Bidow grade Tooleg) is the	) the application. Please indicate, by a check mark in the box, that the documents are attached.
Hydrogeologic Data (Temporary and Emergence	Sec upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
X Siting Criteria Compliance Demonstrations - bas	ed upon the automatic for the requirements of Paragraph (2) of Subsection B of 19:15.17.9
X Design Plan - based upon the appropriate require	monte of 10.15.17.12 MAAG
X Operating and Maintenance Plan - based upon the	andris of 19,15,17,11 NMAC
X Closure Plan (Please complete Boyes 14 through	Paperopriate requirements of 19.15.17.12 NMAC
19.15.17.9 NMAC and 19.15.17.13 NMAC	16. If applicable) - based upon the appropriate requirements of Subsection C of
Previously Approved Design (attach copy of design)	API or Permit
12 Claund Inc. Sect. 15 to the transmission	
<u>Unsequence</u> Systems Permit Application Attachmen Instructions: Each of the following items pust be attached to	Checklist: Subsection B of 19.15.17.9 NMAC
Geologic and Hydrogeologic Data (only for on-si	the application. Please indicate, by a check mark in the box, that the documents are attached.
Siting Criteria Compliance Demonstrations (only	for on-site closure), based upon the appropriate complete site of the total of total
Design Plan - based upon the appropriate require	ments of 19.15.17.10 NMAC
Operating and Maintenance Plan - based upon the	appropriate requirements of 10.15.17.12 NIMAAC
Closure Plan (Please complete Boxes 14 through	18 if applicable) - based upper the
NMAC and 19.15.17.13 NMAC	to, a applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9
Previously Approved Design (attach copy of design)	API
Previously Approved Operating and Maintenance Pla	a API
13	
Permanent Pits Permit Application Checklist: Subs	ection B of 19.15 17 9 NMAC
Instructions: Each of the following items must be attached to	the application. Please indicate, by a check mark in the bay, that the documents are study to
Hydrogeologic Report - based upon the requireme	nts of Paragraph (I) of Subsection B of 19.15.17.9 NMAC
Siting Criteria Compliance Demonstrations - based	J upon the appropriate requirements of 19.15.17.10 NMAC
Climatological Factors Assessment	
Dike Protection and Structure L	he appropriate requirements of 19.15.17.11 NMAC
Leak Detection Design - based upon the appropriate	sed upon the appropriate requirements of 19.15.17.11 NMAC
Liner Specifications and Compatibility Assessmen	e requirements of 19.15.17.11 NMAC
Quality Control/Quality Assurance Construction ar	d Installation Plan
Operating and Maintenance Plan - based upon the	appropriate requirements of 19 15 17 12 NMAC
Freeboard and Overtopping Prevention Plan - based	upon the appropriate requirements of 19.15.17.11 NMAC
Nuisance or Hazardous Odors, including H2S, Prev	rention Plan
Oil Field Wester Store Cl	
Monitoring and Inspection Plan	
Erosion Control Plan	
Closure Plan - based upon the appropriate requirem	ents of Subsection C of 10.15.17.0 NIMAC - 1.10.15.17.19.0000
14	Million Subsection C 01 19:15:17:9 NMAC and 19:15:17:13 NMAC
Proposed Closure: 19.15.17.13 NMAC	
nstructions: Please complete the applicable boxes, Boxes 14 th	arough 18, in regards to the proposed closure plan.
ype: Drilling Workover Emergency Cav	itation P&A Permanent Pit XBelow-grade Tank Closed-loop System
roposed Closure Method: X Waste Excavation and Rem	0Val (Below-Grade Teak)
Waste Removal (Closed-loo	p systems only)
On-site Closure Method (on	ly for temporary pits and closed-loop systems)
In place Burial	On-site Trench
Alternative Closure Method	(Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
15	
Vaste Excavation and Removal Closure Plan Checklist	(19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the element
ease indicate, by a check mark in the box, that the documents	are attached.
Confirmation Sameline Direction and Proceedures - based upon the appropriat	e requirements of 19.15.17.13 NMAC
Communication Sampling Plan (if applicable) - based u     Disposal Facility Name and Parmie Number (if a more standing stand	pon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
X Soil Backfill and Cover Design Specifications back	as, ariting fluids and drill cuttings)
X Re-vegetation Plan - based upon the appropriate	in appropriate requirements of Subsection H of 19.15.17.13 NMAC
X Site Reclamation Plan - based upon the appropriate requ	relicities of Subsection 1 of 19.15.17.13 NMAC
Les dans d'ante dans d'asce apoir ute appropriate re	equinements of Subsection G of 19.15.17.13 NMAC

16 Waste Removal Closure For Closed-loop Systems That 1	Utilize Above Ground Steel Tanks or Haul-off Bins Only: (1915-1713) NAME						
are required,	disposal of liquids, drifting fluids and drift cuttings. Use attachment if more than	wo facilities					
Disposal Facility Name:	Disposal Facility Permit #-						
Disposal Facility Name:	Disposal Facility Name: Disposal Facility Permit #:						
Will any of the proposed closed-loop system operation: Yes (If yes, please provide the information	s and associated activities occur on or in areas that will not be used for futu	re service and operations?					
Required for impacted areas which will not be used for future         Soil Backfill and Cover Design Specification - I         Re-vegetation Plan - based upon the appropriate         Site Reclamation Plan - based upon the appropriate	re service and operations: based upon the appropriate requirements of Subsection H of 19.15.17.13 NE requirements of Subsection I of 19.15.17.13 NMAC aite requirements of Subsection G of 19.15.17.13 NMAC	МАС					
17 Siting Cattoria / Descrit							
Since Crueria (Regarding on-site closure methods of Instructions: Each sitting criteria requires a demonstration of comp certain sitting criteria may require administrative approval from the for consideration of approval. Justifications and/or demonstration	only:19.15.17.10 NMAC bliance in the closure plan. Recommendations of acceptable source material are provided e appropriate district office or may be considered an exception which must be submitted to is of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	below. Requests regarding changes to the Santa Fe Environmental Bureau offi					
Ground water is less than 50 feet below the bottom of th	he buried waste.						
<ul> <li>NM Office of the State Engineer - iWATERS database</li> </ul>	e search: USGS: Data obtained from nearby wells						
fround water is between 50 and 100 feet below the bot	tom of the buried waste						
- NM Office of the State Engineer - iWATERS database	search: USGS: Data obtained from nearby wells						
fround water is more than 100 feet below the bottom of	f the buried waste.						
- NM Office of the State Engineer - iWATERS database	search; USGS; Data obtained from nearby wells						
(ithin 300) feet of a continuously flowing watercourse, or 200 measured from the ordinary high-water mark).	) feet of any other significant watercourse or lakebed, sinkhole, or playa lake						
- Topographic map: Visual inspection (certification) of th	e proposed site						
<ul> <li>ithin 300 feet from a permanent residence, school, hospital,</li> <li>Visual inspection (certification) of the proposed site; Aer</li> </ul>	institution, or church in existence at the time of initial application, rial photo; satellite image	Yes No					
ithin 500 horizontal feet of a private, domestic fresh water w proses, or within 1000 horizontal fee of any other fresh wate - NM Office of the State Engineer - iWATERS database: 1 ithin incorporated municipal boundaries are ithin a feet	vell or spring that less than five households use for domestic or stock watering er well or spring, in existence at the time of the initial application. Visual inspection (certification) of the proposed site	Yes No					
<ul> <li>rsuant to NMSA 1978, Section 3-27-3, as attended.</li> <li>Written confirmation or verification from the municipali</li> </ul>	municipal fresh water well field covered under a municipal ordinance adopted	Yes No					
ithin 500 feet of a wetland · US Fish and Wildlife Wetland Identification map: Topog	raphic map; Visual inspection (certification) of the proposed size	Yes No					
ithin the area overlying a subsurface mine.		Yes No					
ithin an unstable area.	EMNKD-Mining and Mineral Division						
- Engineering measures incorporated into the design; NM E Topographic map	Bureau of Geology & Mineral Resources: USGS; NM Geological Society:	Yes No					
ithin a 100-year floodplain. - FEMA map		Yes No					
-Site Closure Plan Checklist: (19.15.17.13 NMAC)	Instructions: Each of the following items must bee attached to the closur	re plan. Please indicate					
Siting Criteria Compliance Demonstrations based	ched.						
Proof of Surface Owner Notice - based upon the an	Dependence appropriate requirements of 19.15.17.10 NMAC						
Construction/Design Plan of Burial Trench (if ann	icable) based upon the appropriate requirements of 10.15.17.13 NMAC						
Construction/Design Plan of Temporary Pit (for in	place burial of a drying pad) - based upon the appropriate requirements of	0 15 17 11 50 14 0					
Protocols and Procedures - based upon the appropri	ate requirements of 19.15.17.13 NMAC	9.13.17.11 NMAC					
Confirmation Sampling Plan (if applicable) - based	upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC						
Waste Material Sampling Plan - based upon the app	propriate requirements of Subsection F of 19.15.17.13 NMAC						
J Disposal Facility Name and Permit Number (for liqu	uids, drilling fluids and drill cuttings or in case on-site closure standards can	not be achieved)					
Soil Cover Design - based upon the appropriate requ	uirements of Subsection H of 19.15.17.13 NMAC						
Re-vegetation Plan - based upon the appropriate req	uirements 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

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Thereby cutly that the information schemical with this application is successrate, and complete to the best of my knowledge and belief. None (Print):		
Nume:       Cypaid Taloya       Title:       Regulatory Technician         Signature:       Capable Taloya       Title:       12/2/2/0.081         and takkets:       Capable Taloya       Totkphone:       50/5-126-0817         30       COD Augreentative Signature:       Approval Date:	hereby certify that the information submitted with this application is true, accu	irate and complete to the best of my knowledge and belief.
Superature:	Name (Print): Crystal Tafoya	Title: Regulatory Technician
e-mail address       Tolephne:       505.326.9417         30       CMD Approval [] Permit Application (including closure plan) ]       Closure Plan (only) ]       QCD Conditions (see attachmen)         OCD Representative Signature:	Signature: Constal Tologia	Date: 12/22/2008
23         CMD_Approval:       Permit Application (including chosure plan)       Chosure Plan (only)       OCD Conditions (see attachment)         OCD Representative Signature:	e-mail address: crystal taleya @conecophilips.con	Telephone: 505-326-9837
30       OCD Approval:       Permit Application (including closure plan)       Closure Plan (only)       OCD Conditions (see attachment)         OCD Representative Signature:		
Disput Dury       Closure Plan (only)       Closure Plan (only)       Closure Plan (only)         OCD Representative Signature:		
OAD Representative Signature:	<b><u>Permit</u></b> Application (including closure plan)	Closure Plan (only) OCD Conditions (see attachment)
Tille:       OCD Permit Number:         21       Closure Report (required within 60 days of closure completion): Solveness 64/1513/1513/1514.         21       Closure Report (required within 60 days of closure completion): Solveness 64/1513/1513/1514.         21       Closure Report (required within 60 days of closure barne completion): Solvene controllers. Place is and solveniting the (closure report, The closure report is required to be advanted and the closure excitotics have been completed.         22       Closure Completion Date:         23       Closure Method:         24       Closure Report (required with an opproved plan, please explain.         23       Closure Report from approved plan, please explain.         23       Closure Report flow days of plan, please explain.         24       Closure Report flow days of plan, please explain.         25       Closure Report flow days of plan, please explain.         26       Closure Report flow days of plan, please explain.         27       Closure Report flow days of plan, please explain.         28       Closure Report flow days of plan, please explain.         29       Disposal Facility Pennit Number:         29       Closure Report flow days of plan, please explain, Plant State State and offic utilizes days of plant explant days of plant explain days of plant explant day	OCD Representative Signature:	Approval Date:
Charge Report (required within 60 days of closure completion); Subsects & d19.151713 NMA? Instructions: Operations are required to obtain an approved closure plan prior to implementing any closure activities and solutilities the closure export. The closure proved closure plan has been complete the solution of the down and the operation of the closure activities. Decause do not complete this section of the jorn and it on approved closure plan has been obtained and the closure activities has been completed.  Closure Completion Date:  Closure Completion Date:  Closure Method: Closure M	litle	
21         Closure Report (required within 60 days of closure completion): Subsement of 19.5171.15MAC         Inframetions: Operations are required in obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure reports is received in the submitted in the doctain within 60 days of the completion of the closure activities. Please do not complete this section of the form unit an approved closure plan has been obtained and the closure curvicities have been completed.         21		OCD Permit Number:
Charact Report (required with 60 days of closer completion); Solvenan K.419.15.11.NMAC:         Instructions: Operations are required to abdit on approach (closer phare into implementing and closer phare into phare into implementing and closer phare into implementing and closer phare into implementing and closer into implementing into and closer phare into implementing into and closer phare into implementing into implementing into implementing into implementing into implementing	21	
http://times.com/entropy.com/	Josure Report (required within 60 days of closure completion): Subse	ection K of 19.15.17.13 NMAC
report at the administration within 60 days of the completion of the chance additives. Please do not complete this section of the form unit an an approved chance obtained and the cleaner activities have been completed.       Closure Completion Date:         23       Closure Method:       Waste Excavation and RemovalOn-site Closure MethodAlternative Closure MethodWaste Excavation and Removal (Closed-loop systems only)       I different from approved plan, please explain.         23       Closure Roord Resarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:         24       Closure Roord Resarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:         23       Closure Roord Resarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:         24       Disposal Facility Name:       Disposal Facility Permit Number:         25       Disposal Facility Name:       Disposal Facility Permit Number:         26       Waste Excavation and associated activities performed on or in areas that will not be used for future service and operations?         26       Yes iff yes, please demonstrate compiliane to the items below       Ono         27       Yes iff yes, please demonstrate compiliane to the items below       Ono         27       Yes iff yes, please demonstrate compiliane to the items below       Ono         28       Not the documentation	istructions: Operators are required to obtain an approved closure plan prior to	) implementing any closure activities and submitting the closure report. The closure
Closure Completion Date:     Cosure Completion Date:     Cosure Method:     Cosure Method:     Cosure Completion Date:     Cosure Method:     Cosure Completion Date:     Cosure Control Cosure Data explain.     Cosure Cosure Method:     Cosure Control Cosure Data explain.     Cosure Cosure Cosure Data explain.     Cosure Cosure Data explain.     Cosure Cosure Cosure Cosure Data explain.     Cosure Cosure Cosure Cosure Data explain.     Cosure Cosure Cosure Cosure Cosure Data explain.     Cosure Cosure Cosure Cosure Cosure Cosure Data explain.     Cosure Cosure Cosure Cosure Cosure Cosure Cosure Data explain.     Cosure Cosure Cosure Cosure Cosure Cosure Cosure Cosure Description.     Cosure Cosure Cosure Cosure Cosure Cosure Cosure Cosure Description.     Cosure Cosure Cosure Cosure Cosure Cosure Cosure Cosure Description.     Cosure Cosure Cosure Cosure Cosure Cosure Cosure Cosure Description.     Cosure Cosure Cosure Cosure Cosure Cosure Cosure Description.     Cosure Cosure Cosure Cosure Cosure Cosure Cosure Cosure Cosure Description.     Cosure	port is required to be submitted to the division within 60 days of the completion optoved closure plan has been obtained and the closure activities have been a	n of the closure activities. Please do not complete this section of the form until an
	process cosine pair has been onlined and the closure activities have been con	mpleted.
22         Closure Method:          Waste Ecavation and Removal □On-site Closure Method □Alternative Closure Method □Waste Removal (Closed-loop systems only)          If different from approved plan, please explain.          23       Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions: Please identify the facility of facilities for where the liquids, drilling fluids and drill cartings were disposed. Use attachment if more than two facilities were disposed. Use attachment if more than two facilities were disposed. Use attachment if more than two facilities were disposed. Steel Tanks or Haul-off Bins Only: Instructions: Please identify the facility of facilities for where the liquids, drilling fluids and drill cartings were disposed. Use attachment if more than two facilities were disposed. Use attachment if more than two facilities were disposed. Use attachment if more than two facilities were disposed. Steel Tanks or Haul-off Bins Only: Instruction: Please infinition: Disposal Facility Permit Number:		Closure Completion Date:
Classer Method:	2	
Waste Excavation and Removal       On-site Closure Method       Maste Removal (Closed-loop systems only)         If different from approved plan, please explain.       Closure Report Regarding Waste Removal (Closed-loop Systems That Utilize Above Ground Site! Tanks of Haul-off Bins Only:         Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Site! Tanks of Haul-off Bins Only:         Instructions: Please identify the facility or facilities for where the liquids drilling fluids and drill curtings were disposed. Use attachment if more than two facilities were atticked.         Disposal Facility Name:       Disposal Facility Permit Number:         Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?         Yes: (If yes, please demonstrate compiliane to the items below)       Dot         Store Record Loop system operations       Store Rechards on System operations?         Store Record Instantion (Photo Documentation)       Store Rechards on System operations?         Store Record Attachment Checklist:       Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark if the documents are attached.         Proof of Closure Notice (surface owner and division)       Photo of Closure Notice (required for insite closure)         Plot Plan (for on-site closures and Seeding Technique       Store Record Notice (required for on-site closure)         Soil Backfilling and Cover Installation <td< td=""><td>losure Method:</td><td></td></td<>	losure Method:	
If different from approved plan, please explain.         23         Cheare Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Site! Tanks or Haul-off Bins Only: Imstructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill curings were disposed. Use attachment if more than two facilities were utilized.         Disposal Facility Name:       Disposal Facility Permit Number:         Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?         Y es: (If yes, please demonstrate compiliane to the items below)       No         Required for impacted areas which will not be used for future service and operations:       Nite Rechamation (Photo Documentation)         Site Rechamation (Photo Documentation)       No         Rewegetation Application Rates and Seeding Technique       24         Closure Netice (surface owner and division)       Proof of Closure Notice (surface owner and division)         Proof of Closure Notice (surface owner and division)       Proof of Closure Notice (surface owner and division)         Proof of Closure Notice (surface owner and division)       Site Rechamation Application Rates and Seeding Technique         Site Rechamation Application Rates and Seeding Technique       Site Rechamation Application Sampling Analytical Results (if applicable)         Disposal Facility Name and Permit Number       Disposal Facility Name and Permit Number <td< td=""><td>Waste Excavation and Removal On-site Closure Method</td><td>Alternative Closure Method Waste Removal (Closed-loop systems only)</td></td<>	Waste Excavation and Removal On-site Closure Method	Alternative Closure Method Waste Removal (Closed-loop systems only)
23         Chaster Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:         Inharrettoins:       Disposal Facility of facility of facilities for where the liquids, drilling fluids and drill curings were disposed. Use attachment if more than two facilities for where the liquids, drilling fluids and drill curings were disposed. Use attachment if more than two facilities errors and a drill curings were disposed. Use attachment if more than two facilities for where the liquids, drilling fluids and drill curings were disposed. Use attachment if more than two facilities errors and associated activities performed on or in areas that will not be used for future service and opeanions?         Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and opeanions?         New (9) (1985, please demonstrate compliant to the items below)       No         Required for impacted areas which will not be used for future service and operations:       Site Reclamation (Photo Documentation)         Noti Backfilling and Cover Installation       Revegetation Application Rates and Seeding Technique         24       Closure Notice (surface owner and division)       Proof of Closure Notice (surface owner and division)         Proof of Deed Notice (required for on-site closure)       Phot Phat (for on-site closures and seeding Technique         35       Confirmation Sampling Analytical Results (if applicable)       Disposal Facility Name and Permit Number         36       Disposal Facility Name and Permit Number	If different from approved plan, please explain.	
Cheare Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:         Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill curtings were disposed. Use attachment if more than two facilities were utilized.         Disposal Facility Name:	3	
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#### AERIAL MAP SAN JUAN 27-5 UNIT 96E



Aerial flown locally Sedgewick in 2005.

1:6,000

8/08

# Mines, Mills and Quarries Web Map

### SAN JUAN 27-5 UNIT 96E

Unit Letter: H, Section: 15, Town: 027N, Range: 005W







### SAN JUAN 27-5 UNIT 96E

### Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'SAN JUAN 27-5 UNIT 96E', which is located at 36.57614 degree, North latitude and 107.33954 degree, West longitude. This location is located on the Vigas Canyon 7.5' USGS topographic quadrangle. This location is in section 15 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 27.3 miles to the northwest. The nearest large town (population greater than 10,000) is Farmington, located 49.3 miles to the west (National Atlas). The nearest highway is US Highway 64, located 8.2 miles to the north. The location is on BLM land and is 1,090 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 as Colorado Plateau Pinon-Juniper Woodland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 306 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 26 feet to the west and is classified by the USGS as an intermittent stream. The nearest perennial stream is 879 feet to the south. The nearest water body is 879 feet to the south. It is classified by the USGS as an intermittent lake and is 0.4 acres in size. The nearest spring is 14,993 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 3,131 feet to the west. The nearest wetland is a 0.3 acre other located 2,954 feet to the south. The slope at this location is 5 degree, to the south 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 'Pinavetes-Florita complex, 2 to 10 percent slopes' and is excessively drained and not hydric with moderate erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 17.7 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
- 4. BR will construct a screened, expanded metal covering, on the top of the BGT.
- 5. BR shall ensure that a below-grade tank is constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight as shown on design drawing and specification sheet.
- 6. The BR below-grade tank system shall have a properly constructed foundation consisting of a level base free of rocks, debris, sharp edges or irregularities to prevent punctures, cracks or indentations of the liner or tank bottom as shown on design drawing.
- 7. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a belowgrade tank to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 8. BR will construct and use a below-grade tank that does not have double walls. The below-grade tank's side walls will be open for visual inspection for leaks, the below-grade tank's bottom is elevated a minimum of six inches above the underlying ground surface and the below-grade tank is underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected.

- 9. BR has equipped the below-grade tanks with the ability to detect high level in the tank and provide alarm notification and shutdown process streams into the tank. Once high level is detected RTU logic closes the inlet separator sales valve and does not permit vent valve to open. This shutdown of the sales valve and gagging of the vent valves prevents any hydrocarbon process streams from entering the pit tank once a high level is detected. Furthermore, an electronic page is sent to the BR MSO for that well site and to the designated contract "Water-Hauling" Company indicating a high level and that action must be taken to address this alarm. The environmental drain line from BR's compressor skid under normal operating conditions is in the open position. The environmental drain line is in place to capture any collected rain water or spilled lubricants from our compressor skids. The swab drain line is a manually operated drain and by normal operating procedures is in the closed position. The tank drain line is also a manually operated drain and during normal operations it is in the closed position.
- 10. The geomembrane liner consists of a 45-mil flexible LLDPE material manufactured by Raven Industries as J45BB. This product is a four layer reinforced laminated containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. The J45BB is reinforced with 1300 denier (minimum) tri-directional scrim reinforcement. It exceeds ASTMD3083 standard by 10%. J45BB has a warranty for 20 years from Raven Industries and is attached. It is typically used in Brine Pond, Oilfield Pit liner and other industrial applications. The manufacture specific sheet is attached and the design attached displays the proper installation of the liner.
- 11. The general specification for design and construction are attached in the BR document.



#### 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 **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 lbs 25 lbs 31 lbs 1" Tensile Strength 88 lbf MD 110 lbf MD ASTM D 7003 90 (bf MD 113 Ibf MD 110 lbf MD 138 lbf MD 63 lbf DD 79 lbf DD 70 lbf DD 87 lbf DD 84 lbf DD 105 lbf DD 1" Tensile Elongation @ 550 MD 750 MD **ASTM D 7003** Break % (Film Break) 550 MD 750 MD 550 MD 550 DD 750 MD 750 DD 550 DD 750 DD 550 DD 750 DD 1" Tensile Elongation @ 20 MD 33 MD **ASTM D 7003** Peak % (Scrim Break) 20 MD 30 MD 20 MD 20 DD 36 MD 33 DD 20 DD 31DD 20 DD 36 DD Tongue Tear Strength 75 lbf MD 97 lbf MD ASTM D 5884 75 lbf MD 104 lbf MD 100 lbf MD 117 lbf MD 75 lbf DD 90 lbf DD 75 lbf DD 92 lbf 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 ASTM D 4533 146 lbf MD 130 lbf MD 189 lbf MD 160 lbf MD 193 lbf MD 120 lbf DD 141 lbf DD 130 lbf 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 lbf 99 lbf Maximum Use Temperature 180° F 180° F 180° F 180° F 180° F

MD = Machine Direction

Minimum Use Temperature

DD = Diagonal Directions

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

-70° F

-70° F

\*Dimensional Stability Maximum Value

-70° F

\*\*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.

THE LEAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from results open contained information or recommendations and associants all capitry for resulting loss or damage.



# PLANT LOCATION

-70° F

Sioux Falls, South Dakota

# SALES OFFICE

-70° F

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

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180° F

-70° F



# 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 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 mariner 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 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 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 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 the following:
  - i. Operator's name
  - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.
- 9. The surface owner shall be notified of BR's closing of the below-grade tank prior to closure as per the approved closure plan via certified mail, return receipt requested.
- 10. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
- 11. BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will used on federally jurisdicted lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. BR will repeat seeding or planting will be continued until successful vegetative growth occurs.
- 12. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.
- 13. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the belowgrade tank. Closure report will be filed on C-144 and incorporate the following:
  - Soil Backfilling and Cover Installation •
  - Re-vegetation application rates and seeding techniques •
  - Photo documentation of the site reclamation
  - Confirmation Sampling Results
  - Proof of closure notice