REGISTERED	State of New Mexico Energy Minerals and Natural Resources Department ervation Division	Form C-14 July 21, 200 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.
000 Rio Brazos Rd., Aztec. NM 87410 <u>District IV</u>	th St. Francis Dr. Fe, NM 87505 مىسەت	For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office
220 S. St. Francis Dr., Santa Fe, NM 87505		
Proposed A1	losed-Loop System, Below-Gra	de lank, or
Proposed An	ternative Method Permit of Close	ne Flan Application
Type of action: X Per	rmit of a pit, closed-loop system, below-grade osure of a pit, closed-loop system, below-grade odification to an existing permit osure plan only submitted for an existing permit low-grade tank, or proposed alternative metho	e tank, or proposed alternative method le tank, or proposed alternative method nitted or non-permitted pit, closed-loop system, d
Instructions: Please submit one applicati	ion (Form C-144) per individual pit, closed-l	oop system, below-grade tank or alternative request
Please be advised that approval of this requirement. Nor does approval relieve the op	est does not relieve the operator of liability should operation perator of its responsibility to comply with any other applicable	s result in pollution of surface water, ground water or the le governmental authority's rules, regulations or ordinances.
Deperator: Burlington Resources Oil & Gas Address: PO Box 4289, Farmington, NM	s Company, LP 87499	OGRID#: 14538
acility or well name: SAN JUAN 27-5 UN	111 82M	
API Number: 3003926	OCD Permit Num	
D/L or Qtt/Qtr: E Section: Center of Proposed Design: Latitude: Surface Owner: X Federal	6 I ownship: 27N Range: 36.60559°N Longitude: State Private Tribal Trust or Indi	SW County: Rio Arriba -107.40593°W NAD: X 1927 an Allotment
Temporary: Drilling Workover Permanent Emergency Cavitation Lined Unlined Liner type: String-Reinforced Liner Seams: Welded Factory	n P&A Thickness mil LLDPE	HDPE PVC Other
3 Closed-loop System: Subsection H of Type of Operation: P&A Drillin Image: Drying Pad Above Ground Steel Image: Lined Unlined Liner type: Liner Seams: Welded Factory	19.15.17.11 NMAC g a new well Workover or Drilling (Applies notice of intent) Tanks Haul-off Bins Other Thickness mil LLDPE Other	to activities which require prior approval of a permit or HDPE PVD Other
4 X Below-grade tank: Subsection 1 of 19.15 Volume: 120 bbl Tank Construction material:	5.17.11 NMAC Type of fluid: Produced Water Metal X Visible sidewalls, liner, 6-inch lift and au isible sidewalls only Other HDPE PVC X Other	utomatic overflow shut-off Unspecified
5 Alternative Method: Submittal of an exception request is required. 1	Exceptions must be submitted to the Santa Fe Envi	ronmental Bureau office for consideration of approval.

0,	
Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)	
Cham link, six feet in height two strands of bash of a line on the state	
From foot height, four strands of barbed wire eventy spaced between one and four four	l, institution or church)
X Alternate. Please specify 4' hog wire fencing topped with two strands harbed wire	
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent in such as the back of the section of the s	
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" lettering, 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. Places enforce 10.15.12.20.0000	
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 Fa Favinance and D	
(Fencing/BGT Liner)	consideration of approval.
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
10	
<u>Siling Criteria (regarding permitting)</u> : 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each side of the basis of the second second second	
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 Plannet for the Santa Fe Environmental Bureau Office for	
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, lakehed, sinkhole, or plays	
lake (measured from the ordinary high-water mark).	Yes X No
With 200 g + c	
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
(Applied to permanent pits) - Visual inspection (curtification) of the approach in the interview of the second	XNA
Within 500 horizonal feet of a private demotio fact mittane II	
purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes XNo
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended	Yes XNo
 Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 fort of a workend 	
 US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	Yes XNo
within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes XNo
Within an unstable area.	TYes XING
- 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	Tes X No

Temperary Pin, Junczency Pin, Carlos and Halm actuals Table Perult Application Attachment Checkler, Solection Red PIN 17 NMAC Temperature Pin, Solection Computing and Encourses (Network). These ladius (Network) and Attachment Actual Media Temperature Pin, Solection Computing Application, Solection of Computing (Network) and Attachment Actual Media Temperature Pin, Solection Computing Application, Solection of Computing (Network) and Attachment Actual Media Temperature Pin, Solection Computing Application, Solection of Computing (Network) and Attachment Actual Media Temperature Pin, Solection Computing Application, Solection of Computing (Network) and Attachment Actual Media Temperature Pin, Solection Computing Application, Solection of Computing (Network) and Attachment Computing (Network) and Attachmen		
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 X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC 	X Protocols and Procedures - based upon the appropriate requirements of 10 15 17 12 bit to 0	
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 Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC 	X Disposal Facility Name and Permit Number (for liquids, drilling thirds, and the second seco	
X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	X Soil Backfill and Cover Design Specifications - based upon the anomalies of the interview of the section of t	
X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	X Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
	X Site Reclamation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	
	and the appropriate requirements of Subsection G of 19.15.17.13 NMAC	

16		
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Instructions: Please identify the facility or facilities for the disposed of the Structure	1 Steel Tanks or Haul-off Bins Only: (19,15,17,13,D) NM	
are required.	thing fluids and drill cuttings. Use attachment if more than	two facilities
Disposal Facility Name:	Disposal Facility Permii #-	
Disposal Facility Name:	Disposal Facility Permit #	
Will any of the proposed closed-loop system operations and associated acti Yes (If yes, please provide the information No	vities occur on or in areas that will not be used for fut	are service and operations?
Required for impacted areas which will not be used for future service and operation	ons:	
Soli Backfill and Cover Design Specification - based upon the appro	opriate requirements of Subsection H of 19.15.17.13 N	MAC
Site Reclamation Plan - based upon the appropriate requirements of Su	bsection I of 19.15.17.13 NMAC	inte interest in the second se
the appropriate requirements of	Subsection G of 19.15.17.13 NMAC	
17 Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NM Instructions: Each siting criteria requires a demonstration at compliance in the effective for the second	ЛАС	
certain suing criteria may require administrative approval from the appropriate district off	n. Recommendations of acceptable source material are provided we or may be considered an excention which many all	below: Requests regarding changes to
C- C	uired. Please refer to 19.15.17.10 NMAC for guidance.) the Santa Fe Environmental Bureau of
Cround water is less than 50 feet below the bottom of the buried waste.		
 Not Office of the State Engineer - (WATERS database search; USGS: Data of 	btained from nearby wells	
Ground water is between 50 and 100 feet below the bottom of the buried wa	ste	
- NM Office of the State Engineer - iWATERS database search; USGS: Data of	Dained from nearby wells	Yes No
Ground water is more than 100 feet below the bottom of the buried waste		N/A
 NM Office of the State Engineer - iWATERS database search: USGS: Data ab 		Yes No
Within 300 feet of a continuously flowing unter the second state of	tion nearby wells	N/A
measured from the ordinary high-water mark).	ficant watercourse or lakebed, sinkhole, or playa lake	Yes DNo
 Topographic map: Visual inspection (certification) of the proposed site 		
Within 300 feet from a permanent residence, school, hospital, institution, or church in	D existence of the size of the	
 Visual inspection (certification) of the proposed site; Aerial photo; satellite image 	e existence at the time of initial application.	Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less th urposes, or within 1000 horizontal fee of any other fresh water well or spring, in exis - NM Office of the State Engineer - iWATERS database: Visual inspection (certification)	han five households use for domestic or stock watering stence at the time of the initial application.	Yes No.
Vithin incorporated municipal boundaries or within a defined municipal fresh water v	well field covered under a municipal ordinance advect t	
 Written confirmation or verification from the municipality. Write 	adopted	Yes No
ithin 500 feet of a wetland	tained from the municipality	
- US Fish and Wildlife Wetland Identification map: Topographic map: Visual inst	pection (application of the	Yes No
ithin the area overlying a subsurface mine.	(certification) of the proposed site	
- Written confiramtion or verification or map from the NM EMNRD-Mining and N	Aineral Division	Yes No
ithin an unstable area.		
 Engineering measures incorporated into the design; NM Bureau of Geology & Mi Topographic man 	ineral 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	Set of the	
a check mark in the box, that the documents are attached.	of the jollowing items must bee attached to the closur	e plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the appropriate	requirements of 19 15 17 10 NMAC	
Proof of Surface Owner Notice - based upon the appropriate requirement	s of Subsection F of 19.15.17 13 NMAC	
Construction/Design Plan of Burial Trench (if applicable) based upon the	appropriate requirements of 19 15 17 21 NIMAG	
Construction/Design Plan of Temporary Pit (for in place burial of a drvin	R Dad) - based upon the appropriate	
Protocols and Procedures - based upon the appropriate requirements of 19	2.15.17.13 NMAC	15.17.11 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropriate r	equirements of Subsection E of 10 to 17 to 18	
Waste Material Sampling Plan - based upon the appropriate requirements	of Subsection F of 19.15.17.13 NMAC	
Disposal Facility Name and Permit Number (for liquids, drilling fluids and	drill outtings or in communication	
Soil Cover Design - based upon the appropriate requirements of Subsection	n H of 19 15 17 13 NMAC	ot be achieved)
Re-vegetation Plan - based upon the appropriate requirements of Subsection		

Operator Application (critification): Hereby critify that the information submitted with this application is time, accurate and complete to the best of my knowledge and belief. Name (Print): Crystal Tafoya Signature: Regulatory Technician c-mail address: arcolocal accurate control of the print print of the print of the print of the print
Herchy certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief. Name (Print): Crystal Tafoya Title: Regulatory Technician Signature: Date: 1222/2008 e-mail address: Storage Complete to the best of my knowledge and belief. 20 OCD Approval. [OPermit Application (including closure plan)] Closure Plan (only) [OCD Conditions (see attachment)] 0CD Approval. [OPermit Application (including closure plan)] Closure Plan (only) [OCD Conditions (see attachment)] 0CD Approval. [OPermit Application (including closure plan)] Closure Plan (only) [OCD Conditions (see attachment)] 0CD Representative Signature:
Name (Print): Crystal Tafoya Title: Regulatory Technician Signature: Crystal Tafoya Title: Regulatory Technician Signature: Crystal Edoya Date: 12/22/200/8 20 OLD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date:
Signature: Count Approval Date: 12/22/2008 20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature:
e-mail address:
20 OCD Approval; Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) 20 OCD Approval; Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature:
20 QCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) QCD Representative Signature:
MCD Approval: Permit Application (including closure plan) Closure Plan (only) COCD Conditions (see attachment) OCD Representative Signature:
OCD Representative Signature:
Title: OCD Permit Number: 21 Closure Report (required within 60 days of closure completion): Subsestion K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the distance within 0.4 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 activities have been completed. 22 Closure Method: 23 Closure Report Report Regarding Waste Removal [On-site Closure Method] Alternative Closure Method] Waste Removal (Closed-loop systems only) 24 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: 23 Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized. 23 Closure Report Regarding 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 Permit Number: Disposal Facility Name: 26 Disposal Facility Permit Number: Disposal Facility Permit Number:<
Title: OCD Permit Number: 21 Closure Report (required within 60 days of closure completion); Subsection K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division 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 activities have been completed. 23 Closure Method; 23 Closure Method 24 It 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: 1 Instructions: Please identify the facility or facilities for where the flquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized. Disposal Facility Name: Disposal Facility Permit Number: 23 Disposal Facility Name: 24 Disposal Facility Name: 25 Disposal Facility Permit Number: 26 Disposal Facility Name: 27 Disposal Facility Name: 28 Disposal Facility Name: 29 Disposal Facility Name: 29
21 Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities. Please do not complete this section of the form unit! an approved closure plan has been obtained and the closure activities have been completed.
Closure Report (required within 60 days of closure completion); Subsection K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an upproved closure plan prior to implementing any closure activities and submitting the closure report. The closure approved closure plan has been obtained and the closure activities have been completed Closure Completion Date: Closure Completion Date: Closure Method: Closure Method: Closure Method: Closure Method Closure Method Closure Method Closed-loop systems only) It different from approved plan, please explain. 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 or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities Disposal Facility Name: Disposal Facility Name: Disposal Facility Name: Closure doep system operations and associated activities performed on or in areas that will not be used for future service and operations? Were the closed-loop system compliane to the items below No Required for impacted for Bins Only: Site Reclamation (Photo Documentation) No Required for hypertext compliane to the items below No Required for impacted for Rate Advections: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.
Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Pleuse do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: Closure Method: Closure Method: 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 or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities Disposal Facility Name: Disposal Facility Permit Number: Disposal Facility Name: Disposal Facility Permit Number: Disposal Facility and cover Installation No Required for impacted areas which will not be used for future service and operations: Site Reclamation (Photo Documentation) No Required for impacted areas which will not be used for future service and operations: Disposal Facility and Cover Installation Required for impacted areas which will not be used for future service and operations: Disposal Faceland Activities Record and Seeding Technique
Important of the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. Important closure plan has been obtained and the closure activities have been completed. Important closure completion Date: Important closure Method: Important closure Method Important closure Method Important closure Method: Important closure Method Important closure Method Important closure for Closure Method Important closure Method Important closure Method Important closure for Closure for Closure Method Important closure for Clos
22 Closure Method: Waste Excavation and Removal On-site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) It 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 or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized. Disposal Facility Name: Disposal Facility Permit Number: 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 compliane to the items below) No Required for impacted areas which will not be used for future service and operations: Site Reclamation (Photo Documentation) No Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 24 Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.
Custor Cover Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: 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 or facilities for where the liquids, drilling fluids and drill cuttings 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 opeartions? Yes (If yes, please demonstrate compliane to the items below) No Required for impacted areas which will not be used for future service and operations: Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 24 Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.
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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 or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities Disposal Facility Name: Disposal Facility Permit Number: 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 opeartions? Yes (If yes, please demonstrate compliane to the items below) No Required for impacted areas which will not be used for future service and operations: Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 24 Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.
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Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.
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Re-vegetation Application Rates and Seeding Technique 24 <u>Closure Report Attachment Checklist:</u> Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.
24 <u>Closure Report Attachment Checklist:</u> Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.
Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.
ine box, mu me vocuments we muched.
Proof of Closure Notice (surface surger and division)
Proof of Deed Notice (required for on-site clocure)
Plot Plan (for on-site closures and temporary pits)
Confirmation Sampling Analytical Results (if applicable)
Waste Material Sampling Analytical Results (if applicable)
Disposal English Name and Barnic Number
Soli Backfilling and Cover Installation
Six Delawise Charles and Seeding Technique
Site Rectamation (Photo Documentation)
On-site Closure Location: Latitude:Longitude:NAD [] 1927 [] 1983
25 Decretor Closure Certification
hereby certify that the information and attachments submitted with this attachment in the information and attachments submitted with this attachment in the information in the informati
the closure complies with all applicable closure requirements and conditions specified in the approved closure plan
ame (Print).
Title:
gnature: Date:
mail address: Telephone:

New Mexico Office of the State Engineer

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Page	1	OÍ.	- 1
I ugo		01	

Township: 27N	Range: 05W S	ections:		
NAD27 X:	Y:	Zone:	Search Radiu	IS:
County: Ba	sin:		Number:	Suffix:
Owner Name: (First)	(Last)		C Non-Domestic	c C Domestic • A
POD / Surface Data Rep	ort Avg De	pth to Water Re	eport Wa	ter Column Report
	Clear Form i	WATERS Menu	Help	

WATER COLUMN REPORT 08/20/2008

	(quarter (quarter	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest)								Depth	Depth	Water	(in
POD Number	Tws	Rng	Sec	đ	đ	g	Zone	x	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	

New Mexico Office of the State Engineer POD Reports and Downloads
Township: 28N Range: 06W 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

	(qu (qu	arters	are	9 1=: bi	NW	2:	=NE	3=SW	4=SE)					
POD Number	(90	Tws	Rng	Sec	yy. a	a a	ι ιο α		rest)	v	Well	Depth	Water	(in
SJ 03700 PO	D1	28N	06W	12	2	2	4	20110			450	200	250	
SJ 03675		28N	06W	14	4	3	4	С	153167	2059732	420	100	320	
SJ 03700		28N	06W	21	2	4	4				450	200	250	
SJ 03043		28N	06W	21	4	2	2				290	240	50	
SJ 03005		28N	06W	21	4	2	2				245	175	70	
SJ 03443		28N	06W	22	3	3	3				300			
SJ 00200		28N	06W	23	3	3					1551			
SJ 03091		28N	06W	29	2	2	3				150	90	60	

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New Mexico Office of the State Engineer POD Reports and Downloads
Township: 27N Range: 06W Sections:
NAD27 X: Y: Zone: Search Radius:
County: Basin: Number: Suffix:
Owner Name: (First) (Last) CNon-Domestic CDomestic All
POD / Surface Data Report Avg Depth to Water Report Water Column Report
Clear Form iWATERS Menu Help

WATER COLUMN REPORT 08/20/2008

	(quarter (quarter	s are	= 1=1 = big	NW gge	2: 981	=NE t to	3=SW 4=SE smallest)		Depth	Depth	Water (in
POD Number	Tws	Rng	Sec	æ	đ	đ	Zone	X	Y	Well	Water	Column
SJ 03001	27N	06W	07	2	2	1				141	41	100
SJ 02403	27N	06W	30	3	1	3				505	300	205
SJ 00213	27N	06W	32	1	4	4				1308	485	823
SJ 00062	27N	06W	32	3	3	3				452	301	151
SJ 00061	27N	06W	32	3	3	3				445	301	144

New Mexico Office of the State Engineer POD Reports and Downloads								
Township: 28N Range: 05W Sections:								
NAD27 X: Y: Zone: Search Radius:								
County: Basin: Number: Suffix:								
Owner Name: (First) (Last) CNon-Domestic CDomestic @ All								
POD / Surface Data Report Avg Depth to Water Report Water Column Report								
Clear Form IWATERS Menu Help								

WATER COLUMN REPORT 08/20/2008

	(quarter (quarter	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest)								Depth	Depth	Water	(in
POD Number	Tws	Rng	Sec	q	P	Q	Zone	X	Y	Well	Water	Column	
SJ 01893	28N	05W	18	4						390	290	100	
SJ 00047	28N	05W	28							465	265	200	
SJ 00036	28N	05W	28	3						303	243	60	



ConocoPhillips

AERIAL MAP SAN JUAN 27-5 UNIT 82M



Mines, Mills and Quarries Web Map

SAN JUAN 27-5 UNIT 82M

Unit Letter: E, Section: 06, Town: 027N, Range: 005W



SAN JUAN 27-5- UNIT 82M



SAN JUAN 27-5 UNIT 82M

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'SAN JUAN 27-5 UNIT 82M', which is located at 36.60559 degree, North latitude and 107.40593 degree, West longitude. This location is located on the Santos Peak 7.5' USGS topographic quadrangle. This location is in section 6 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 23.1 miles to the northwest. The nearest large town (population greater than 10,000) is Farmington, located 45.3 miles to the west (National Atlas). The nearest highway is US Highway 64, located 5.5 miles to the north. The location is on BLM land and is 2,104 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 1987 meters or 6517 feet above sea level and receives 12 inches of rain each year. The vegetation at this location is classified as Inter-Mountain Basins Semi-Desert Shrub Steppe as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 271 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 122 feet to the north and is classified by the USGS as an intermittent stream. The nearest perennial stream is named Munoz Creek and is 2,682 feet to the north. The nearest water body is 3,887 feet to the southeast. It is classified by the USGS as an intermittent lake and is 0.4 acres in size. The nearest spring is 20,555 feet to the north. 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 11,783 feet to the south. The nearest wetland is a 3.0 acre Ravine located 4,580 feet to the northwest. The slope at this location is 1 degree, to the north as calculated from USGS 30M National Elevation Dataset. This information is also discerned from the aerial and topographic map included. The surface geology at this location is SAN JOSE FORMATION -- Siltstone, shale, and sandstone with a Sandstone dominated formations of all ages substrate. The soil at this location is 'Orlie fine sandy loam, 1 to 8 percent slopes' and is well drained and not hydric with moderate erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 16.2 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 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 J36BB Min. Roll Min. Roll Typical Roll Min. Roll Averages Averages Averages Typical Roll

		Averages	Averages	Averages	Averages	Min. Roll	Typical Roll		
Appearance		Bla	ick/Black	Blac	k/Black	Averages	Averages		
Thickness	ASTM D 5199	27 mil	30 mil	22 mil		Diad	Black/Black		
Weight Lbs Per MSF		126 lbs	140 lbs		36 mil	40 mil	45 mil		
(oz/yd²)	ASTM D 5261	(18.14)	(20.16)	151 lbs (21.74)	168 lbs (24,19)	189 lbs (27,21)	210 lbs		
Construction		**Ex	trusion laminate	d with encapsul	ated to dimet	(21.21)	(30.24)		
Ply Adhesion	ASTM D 413	16 lbs	20 lbs	10 lbs		nal scrim reinfo	rcement		
48 -				19105	24 lbs	25 lbs	31 lbs		
ASTM D 7003		88 lbf MD 63 lbf DD	110 lbf MD 79 lbf DD	90 lbf MD 70 lbf DD	113 lbf MD 87 lbf DD	110 lbf MD 84 lbf DD	138 lbf MD 105 lbf DD		
1" Tensile Elongation @ Break, % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD	550 MD	750 MD		
1" Tensile Elongation @		20 MD	22 MD			550 00	750 DD		
Peak % (Scrim Break)	ASTM D 7003	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	97 lbf MD	75 lbf MD	104 lbf MD	100 lbf MD	117 166 440		
			90 lbf DD	75 lbf DD	92 lbf DD	100 lbf DD	118 Ibf 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		
rapezoid Tear	ASTM D 4533	120 lbf MD	146 lbf MD	130 Ibf MD	100 11 (110		200 101 010		
1. 20		120 lbf DD	141 lbf DD	130 lbf DD	172 lbf DD	160 Ibf MD 160 Ibf DD	193 lbf MD		
Dimensional Stability	ASTM D 1204	<1	<0.5	<1	<0.5				
uncture Resistance	ASTM D 4833	50 lbf	64 lbf	65 lbf	02.14	<i< td=""><td><0.5</td></i<>	<0.5		
faximum Use Temperature		180° E	190% 5	03101	83 IDT	80 lbf	99 lbf		
Minimum Use Temperature		700 5	100° F	180° F	180° F	180° F	180° F		
		-70° F	-70° E						

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

PLANT LOCATION

Sioux Falls, South Dakota

SALES OFFICE

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





J45BE

RAVEN INDUSTRIES INC. EXPOSED GEOMEMBRANE LIMITED WARRANTY

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

This Limited Warranty does not include damages or defects in the Raven geomembrane resulting from acts of God, casualty or catastrophe including but not limited to: earthquakes, floods, piercing hail, or tornadoes. The term "normal use" as used herein does not include, among other things improper handling during transportation, unloading, storage or installation, the exposure of Raven geomembranes to harmful chemicals, atypical atmospheric conditions, abuse of Raven geomembranes by machinery, equipment or people; improper site preparation or covering materials, excessive pressures or stresses from any source or improper application or installation. Raven geomembrane material warranty is intended for commercial use only and is not in effect for the consumer as defined in the Magnuson Moss Warranty or any similar federal, state, or local statues. The parties expressly agree that the sale hereunder is for commercial or industrial use only.

Should defects or premature loss of use within the scope of the above Limited Warranty occur, Raven Industries Inc. will, at its option, repair or replace the Raven geomembrane on a pro-rata basis at the then current price in such manner as to charge the Purchaser/User only for that portion of the warranted life which has elapsed since purchase of the material. Raven Industries Inc. will, at its will have the right to inspect and determine the cause of any alleged defect in the Raven geomembrane and to take appropriate steps to repair or replace the Raven geomembrane if a defect exists which is covered under this warranty. This Limited Warranty extends only to Raven's geomembrane, and does not extend to the installation service of third parties nor does it extend to materials furnished or installed by others in connection with the intended use of the Raven geomembranes.

Any claim for any alleged breach of this warranty must be made in writing, by certified mail, to the General Manager of Engineered Films Division of Raven Industries Inc. within ten (10) days of becoming aware of the alleged defect. Should the required notice not be given, the defect and all warranties are waived by the Purchaser, and Purchaser shall not have any rights under this warranty. Raven Industries Inc. shall not be obligated to perform repairs or replacements under this warranty unless and until the area to be replaced is clean, dry, and unencumbered. This includes, but is not limited to, the area made available for repair and/or replacement of Raven geomembrane to be free from all water, dirt, sludge, residuals and liquids of any kind. If after inspection it is associated with the site inspection.

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

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

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

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

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

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

Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Maintenance and Operating Plan

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

General Plan:

- BR will operate and maintain a BGT to contain liquids and solids and maintain the integrity of the liner, liner system and secondary containment system to prevent contamination of fresh water and protect public health and environment. BR will accomplish this by performing an inspection on a monthly basis, installing cathodic protection, and automatic overflow shutoff devices as seen on the design plan.
- 2. BR will not discharge into or store any hazardous waste in the BGT.
- 3. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a below-grade tank to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 4. As per 19.17.15.12 Subsection D, Paragraph 3, BR will inspect the below-grade tank at least monthly reviewing several items which include 1) containment berms adequate and no oil present, 2) tanks had no visible leaks or sign of corrosion, 3) tank valves, flanges, and hatches had no visible leaks and 4) no evidence of significant spillage of produced liquids. In addition, BR's multi-skilled operators (MSOs) are required to visit each well location once per week. If detected on either inspection, BR shall remove any visible or measurable layer of oil from the fluid surface of a below-grade tank in an effort to prevent significant accumulation of oil overtime. The written record of the monthly inspections will include the items listed above and will be maintained for five years.
- 5. BR shall require and maintain a 10" adequate freeboard to prevent overtopping of the below-grade tank.
- 6. If the below grade tank develops a leak, or if any penetration of the pit liner or below grade tank, occurs below the liquid's surface, then BR shall remove all liquid above the damage or leak line within 48 hours. BR shall notify the appropriate district office. BR shall repair or replace the pit liner or below grade tank, within 48 hours of discovery. If the below grade tank or pit liner does not demonstrate integrity, BR shall promptly remove and install a below grade tank or pit liner that complies with Subsection I of 19.15.17.11 NMAC. BR shall notify the appropriate district office of a discovery of leaks less than 25 barrels as required pursuant to Subsection B of 19.15.3.116 NMAC shall be reported within twenty-four (24) hours of discovery of leaks greater than 25 barrels. In addition, immediate verbal notification pursuant to Subsection B, Paragraph (1), and Subparagraph (d) of 19.15.3.116 NMAC shall be reported to the division's Environmental Bureau Chief.

Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Closure Plan

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure requirements of Below Grade Tanks (BGTs) on Burlington Resources Oil & Gas Company, LP locations hereinafter known as BR locations. This is BR's standard procedure for all BGTs. A separate plan will be submitted for any BGT which does not conform to this plan.

General Requirements:

- BR shall close a below-grade tank within the time periods provided in Subsection A of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I o f19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) permitted below-grade tanks within 60 days of cessation of the below-grade tank's operation., or c) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, BR will file the C144 Closure Report as required.
- 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 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