Denket III 1220 South St. Francis Dr. Santa Fe, NM 87505 For perminent pits and exceptions adonit to the Santa Fe, NM 87505 Direct IV Proposed Alternative Method Permit Or Closure Plan Application Type of action: Proposed Alternative Method Permit Or Closure Plan Application Type of action: Premit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application to an existing permit Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or atheres the control ones, to do a spread to the system of table spectrate second alternative method Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or atheres the control ones, to do a spread to the system of tables y aduate specific system, below-grade tank or athere of the control ones, to do a spread to the system of tables y aduate specific system, below-grade tank or athere we hended Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or athere we hended Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or athere we on obsecent the orthogen apr	District I 1625 N. French Dr., Ho District II 1301 W. Grand Ave., 4		State of New Mexico Energy Minerals and Natural Resource Department Oil Conservation Division	Form C-14 S July 21, 200 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.
Pit. Closed-Loop System. Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application Type of action: Pit. Closed-loop System, below-grade tank, or proposed alternative method Closure of a pit, closed-loop System, below-grade tank, or proposed alternative method Closure of a pit, closed-loop System, below-grade tank, or proposed alternative method Modification in an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative requese Please basined tank, proposed dates and response of fability and spectrame studie updates and second and spectrame studie updates are dimensive method Instructions: Flease submit one application (Form C-144) per individual optic closed-loop system, below-grade tank or alternative requese Please basined tank specord of this request dates and response of fability and separative method Instructions: Flease submit one application (Form C-144) per individual optic closed-loop system, below-grade tank or alternative request Poperator: Burchard State Prix (Caste State Poperator <td< td=""><td><u>District III</u> 1000 Rio Brazos Rd., <i>1</i> <u>District IV</u></td><td>Aztec, NM 87410</td><td>1220 South St. Francis Dr.</td><td>Environmental Bureau office and provide a copy to the</td></td<>	<u>District III</u> 1000 Rio Brazos Rd., <i>1</i> <u>District IV</u>	Aztec, NM 87410	1220 South St. Francis Dr.	Environmental Bureau office and provide a copy to the
Proposed Alternative Method Permit or Closure Plan Application Type of action:	1220 S. St. Francis Dr.		it Closed-Loon System Below-Gra	
Type of action:	4		· · ·	
Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Distinctions: Please subinit and a application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request Please basics that apport of this equad bese nat televe the spatiator of tability abdide operations read: in pollution of surines wate: guored water of the contention. Not des provid televe the operator of tability abdide operations read: in pollution of surines wate: guored water of the contention. Not des provid televe the operator of the sequence of tability abdide operations read: in pollution of surines wate: guored water of the contention. Not des provid televe the operator of its responsibility to samply with any atter applicable governmental authority in alse, regulations are adiamenes. Poperator: Burlington Resources OOI & Gas Company, LP OGRID#: 14538 Address: PO Box 4289, Farmington, NM 87499 Eacility or vell name: Schumacher #11 API Number: 30-045-09480 OCD Permit Number: OL COURQUE: KINEXNY Section: 18 Township: JNN Range: 10W County: San Juan Center of Proposed Design: Latitude: 36.80893 N Longitude:	Q10		_	••
Modification to an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (Ferm C-144) per individual pit, closed-loop system, below-grade tank or alternative request Please be alterial that approval of this requestions on relieve the operator of facility about aportations required in pathodiso of afface water, ground vater or tale environment. Not des approval referse the operator of facility about aportations request and or environmental autority in elex, ground vater or tale environment. Not des approval referse the operator of the requestibility to enorphy with any other applicable governmental autority in elex, ground vater or tale environment. Not des approval referse the operator of the requestibility to enorphy with any other applicable governmental autority in elex, ground vater or tale environment. Not des approval provide the operator of the requestibility or enorphy with any other applicable governmental autority in elex, ground vater or tale environment. Not des approval referse the operator of the requestibility to enorphy with any other applicable governmental autority in elex, ground vater or tale environment. Not des approval provide the operator of the requestibility or end of the target)			
Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please stabilitize application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request environment. Yor does applicable request of its requestibility is analysis and appendix in pollution of surface water, graded water or doe environment. Yor does appendix failers the operator of its requestibility is comply with my other applicable governmental adhedity i nate, regulations of cellulate. Image:		·		e tank, of proposed aternative method
Please be divided that approval of this request des sont clines to comply with any other applicable governmental authority's rules, regulations of ordinances. Image: Section Surflington Resources Oil & Gas Company, LP OGRID#: 14538 Address: PO Box 4289, Farmington, NM 87499 Facility or well name: Schumacher #11 API Number:			Closure plan only submitted for an existing perm	
evitoanent. Nor des approval relieve the operator of its responsibility to comply with any other applicable governmental automity's rules, regulations or ordinances. I OGRID#: 14538 Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538 Address: PO Box 4289, Farmington, NM 87499 Facility or well name: Schumacher #11 APP Number: 30-045-09480 OCD Permit Number: ULL or QUP(DT: KNEXSW) Section: 18 Center of Proposed Design: Latitude: 36.80893 PN Longitude: -107.92766 W NAD: X 1927 198 Surface Owner: S Federal State Private Tribal Trust or Indian Allotment 2 PEL: Subsection F or G of 19.15.17.11 NMAC Temporary: Doffing OR.CONS. DIV DIST. 2 1.lined United Liner type: Thickness mil LLDPE HDPE PVC Other 2 PEL: Subsection H of 19.15.17.11 NMAC Temporary: Doffiling a new well Subsection H of 19.15.17.11 NMAC 3 Cosed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: PRA Drilling a new well Subsection For Go of 19.15.17.11 NMAC <	Instructions: P	lease submit one appli	ication (Form C-144) per individual pit, closed-la	oop system, below-grade tank or alternative request
Address: PO Box 4289, Farmington, NM 87499 Facility or well name: Schumacher #11 API Number: 30-045-09480 OCD Permit Number: U/L or Qtr/Qtr: K(NE/SW) Section: 18 Township: 30N Range: 10W County: San Juan Center of Proposed Design: Latitude: 36.80893 °N Longitude: -107.92766 °W NAD: X 1927 198 Surface Owner: X Federal State Private Tribal Trust or Indian Allotment 2 PHE: Subsection F or G of 19.15.17.11 NMAC Trust or Indian Allotment 0/// CONS. DIV DIST. 2 3 String-Reinforced Liner type: Thickness mil LLDPE HDPE PVC Other 3 String-Reinforced Liner type: Thickness mil LLDPE HDPE PVC Other 3 String-Reinforced Liner type: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new welt Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pda Above Ground Steel Tanks Haul-o				
API Number: 30-045-09480 OCD Permit Number: U/L or Qtr/Qtr: KINESW) Section: 18 Township: 30N Range: 10W County: San Juan Center of Proposed Design: Latitude: 36.80893 °N Longitude: -107.92766 °W NAD: X 1927 198 Surface Owner: X Federal State Private Tribal Trust or Indian Allotment 2 Ptit Subsection F or G of 19.15.17.11 NAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Difference Off CONS. DIV DIST. 2 String-Reinforced Liner type: Thickness mil LLDPE HDPE PVC Other 3 Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well X Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) 1 Drying Pad X Above Ground Steel Tanks mil LLDPE HDPE PVD Other 1 Lined Unlined Liner type: Thick				OGRID#: <u>14538</u>
U/L or Qir/Qtr: K(NESW) Section: 18 Township: 30N Range: 10W County: San Juan Center of Proposed Design: Latitude: 36.80893 N Longitude: -107.92766 W NAD: X1927 198 Surface Owmer: X Federal State Private Tribal Trust or Indian Allotment 2 Ptig: Subsection F or G of 19.15.17.11 NMAC Temporary: Dilling Workover 2 Permanent Emergency Cavitation P&A Oll. CONS. DIV DIST. Emergency 2 String-Reinforced Unined Lined Liner type: Thickness mil LUDPE HDPE PVC Oth FEB 18 2013 2 String-Reinforced Unined Factory Other volume: bbl Dimensions 1. x W x D x D 3 String-Reinforced Instring a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) notice of intent) notice of intent) Instring a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of				
Center of Proposed Design: Latitude: 36.80893 •N Longitude: -107.92766 •W NAD: X] 1927 198 Surface Owner: X Federal State Private Tribal Trust or Indian Allotment PHI: Subsection F or G of 19.15.17.11 NMAC Temporary: OIL CONS. DIV DIST. : Permanent Emergency Cavitation P&A OIL CONS. DIV DIST. : String-Reinforced Lined Uniner type: Thickness mil LLDPE HDPE PVC Other OIL CONS. DIV DIST. : String-Reinforced Lined Uniner type: Thickness mil LLDPE HDPE PVC Other D String-Reinforced Issection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well X Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Dying Pad Above Ground Steel Tanks Haul-off Bins Other Other D Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Ouher Lined Unlined Factory <t< td=""><td>API Number:</td><td>30-04</td><td>45-09480 OCD Permit Num</td><td>ber:</td></t<>	API Number:	30-04	45-09480 OCD Permit Num	ber:
Surface Owner: X Federal State Private Tribal Trust or Indian Allotment 2 File: Subsection F or G of 19.15.17.11 NMAC Oll CONS. DIV DIST. 3 1 Dintined Liner type: Thickness mil LLDPE HDPE PVC Other 2 String-Reinforced Liner type: Thickness mil LLDPE HDPE PVC Other x W x D 3 Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Diffiga a new well X Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) 1 Drying Pad A bove Ground Steel Tanks Haul-off Bins Other	U/L or Qtr/Qtr:	K(NE/SW) Section:	18 Township: 30N Range:	10W County: San Juan
2	Center of Proposed	1 Design: Latitude:	36.80893 °N Longitude:	-107.92766 °W NAD: X 1927 1983
PH: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A String-Reinforced Imer Sums: Welded Factory Other Volume: bbl Dimensions L x W x D 3 Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad X Above Ground Steel Tanks Haul-off Bins Other Liner Scams: Welded Factory Other	Surface Owner:	X Federal	State Private Tribal Trust or Indi	an Allotment
Type of Operation: P&A Drilling a new well X Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad X Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Other Liner Scams: Welded Factory Other	Permanent [Lined [String-Reinfor	Emergency Cavit Unlined Liner ced	tation P&A type: Thickness mil LLDPE	
Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Other 4 Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: bbl Type of fluid: Tank Construction material: Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other Liner Type: Thickness mil HDPE PVC Other Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.			rilling a new well X Workover or Drilling (Applies t	o activities which require prior approval of a permit or
Below-grade tank: Subsection 1 of 19.15.17.11 NMAC Volume: bbl Type of fluid: Tank Construction material:		Unlined Liner typ	pe: Thickness mil LLDPE	HDPE PVD Other
Visible sidewalls and liner Visible sidewalls only Other Liner Type: Thickness mil HDPE PVC Other 5 Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	Below-grade Volume: Tank Construction	bbl	Type of fluid:	· · · · · · · · · · · · · · · · · · ·
Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	Visible sidev	walls and liner	Visible sidewalls only Other	tomatic overflow shut-off
	5 <u>Alternative</u>	Method:		

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6 Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify					
7 Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Image: Screen intermediate int					
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. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: I Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. (Fencing/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.					
¹⁰ <u>Siting Criteria (regarding permitting)</u> : 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.					
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No				
 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 No				
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes No				
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	NA .				
 Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	Yes No				
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes No				
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.					
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Yes No				
Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes No				
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes No				
 Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	Yes No				
Within a 100-year floodplain - FEMA map	Yes No				

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It Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.						
Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC						
Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9						
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC						
Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC						
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC						
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC						
Previously Approved Design (attach copy of design) API or Permit						
12 Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC X Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC X Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC						
X Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC						
Previously Approved Design (attach copy of design) API						
Previously Approved Design (attach copy of design) Attach						
13 Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Muisance or Hazardous Odors, including H2S, Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements of 19.15.17.9 NMAC and 19.15.17.13 NMAC						
14 Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Type: Drilling X Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank X Closed-loop System Alternative Proposed Closure Method: Waste Excavation and Removal X Waste Removal (Closed-loop systems only) On-site Closure Method (only for temporary pits and closed-loop systems) In-place Burial On-site Trench Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)						
15 Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) 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 1 of 19.15.17.13 NMAC						
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC						

16 <u>Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel T</u> Instructions: Please identify the facility or facilities for the disposal of liquids, drilling flu- facilities are required.	Sanks or Haul-off Bins Only: (19.15.17.13.D NMAC) aids and drill cuttings. Use attachment if more than two			
Disposal Facility Name: Envirotech / JFJ Landfarm % IEI Di	sposal Facility Permit #: <u>NM-01-0011 / NM-01-00</u>	10B		
Disposal Facility Name: Basin Disposal Facility Di	sposal Facility Permit #: <u>NM-01-005</u>			
Will any of the proposed closed-loop system operations and associated activities of Yes (If yes, please provide the information No	becur on or in areas that will not be used for future s	ervice and		
Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specification - based upon the appropriate Re-vegetation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection	on Lof 19.15.17.13 NMAC	с		
17 <u>Siting Criteria (Regarding on-site closure methods only:</u> 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Re certain siting criteria may require administrative approval from the appropriate district office on office for consideration of approval. Justifications and/or demonstrations of equivalency are rec	r may be considered an exception which must be submitted to t			
Ground water is less than 50 feet below the bottom of the buried waste.		Yes No		
- NM Office of the State Engineer - iWATERS database search; USGS: Data obtained	ed from nearby wells	N/A		
Ground water is between 50 and 100 feet below the bottom of the buried waste		Yes No		
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtaine	d from nearby wells			
Ground water is more than 100 feet below the bottom of the buried waste.		Yes No		
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtaine	d from nearby wells			
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant (measured from the ordinary high-water mark).	watercourse or lakebed, sinkhole, or playa lake	Yes No		
- Topographic map; Visual inspection (certification) of the proposed site				
Within 300 feet from a permanent residence, school, hospital, institution, or church in exis	tence at the time of initial application.	Yes No		
- Visual inspection (certification) of the proposed site; Aerial photo; satellite image		Yes No		
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than f purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existenc - NM Office of the State Engineer - iWATERS database; Visual inspection (certificati Within incorporated municipal boundaries or within a defined municipal fresh water well f pursuant to NMSA 1978, Section 3-27-3, as amended.	e at the time of the initial application. on) of the proposed site	Yes No		
 Written confirmation or verification from the municipality; Written approval obtaine 	d from the municipality			
Within 500 feet of a wetland	·	Yes No		
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspecti	ion (certification) of the proposed site			
Within the area overlying a subsurface mine. - Written confirantion or verification or map from the NM EMNRD-Mining and Mine	ral Division	Yes No		
Within an unstable area.		Yes No		
- Engineering measures incorporated into the design; NM Bureau of Geology & Miner Topographic map	al Resources; USGS; NM Geological Society;			
Within a 100-year floodplain. - FEMA map		Yes No		
¹⁸ <u>On-Site Closure Plan Checklist:</u> (19.15.17.13 NMAC) Instructions: Each of by a check mark in the box, that the documents are attached.	the following items must bee attached to the closu	re plan. Please indicate,		
Siting Criteria Compliance Demonstrations - based upon the appropriate re	equirements of 19.15.17.10 NMAC			
Proof of Surface Owner Notice - based upon the appropriate requirements	of Subsection F of 19.15.17.13 NMAC			
Construction/Design Plan of Burial Trench (if applicable) based upon the	appropriate requirements of 19.15.17.11 NMAC			
Construction/Design Plan of Temporary Pit (for in place burial of a drying Protocols and Procedures - based upon the appropriate requirements of 19		9.15.17.11 NMAC		
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC				
	60 1 C P 610 (517 12 MMAG			

Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC

Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)

Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

Re-vegetation Plan - based upon the appropriate requirements of Subsection 1 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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19 Operator Application Certification:	<u></u>	
1 hereby certify that the information submitted with this application is true, accur	ate and complete to the best of	of my knowledge and belief.
Name (Print): DENISE JOURNEY	Title:	Regulatory Technetian
Signature: Demos Journey	Date:	2/15/2013
	Telephone:	(505) 326-9556
e-mail address:Denise.Journey@conocophillips.cdm		
	Cosure Plan (only)	OCD Conditions (see attachment)
OCD Approval: Permit Application (including closure plan)	(only)	
OCD Representative Signature:	un	Approval Date: 2/2/29 5
		·· · · · · · · · · · · · · · · ·
Title: OVI Juance Ottole	\OCD Permit N	Number:
21	к	
<u>Closure Report (required within 60 days of closure completion):</u> Subs	writion K of 1915 1713 NMAC	
Instructions: Operators are required to obtain an approved closure plan prior t	o implementing any closure a	
report is required to be submitted to the division within 60 days of the completio		lease do not complete this section of the form until an
approved closure plan has been obtained and the closure activities have been co	mpleted.	
	Closure Co	ompletion Date:
22		
Closure Method:		
Waste Excavation and Removal On-site Closure Method	Alternative Closure Met	hod Waste Removal (Closed-loop systems only)
If different from approved plan, please explain.	· · ·	
23		
Closure Report Regarding Waste Removal Closure For Closed-loop System		
Instructions: Please identify the facility or facilities for where the liquids, drill were utilized.	ing jiulas and artii cuttings v	vere disposed. Use attachment if more than two facilities
Disposal Facility Name:	Disposal Facility Perr	nit Number:
Disposal Facility Name:	Disposal Facility Peri	
Were the closed-loop system operations and associated activities performed of		
	N o	
Required for impacted areas which will not be used for future service and op		
Site Reclamation (Photo Documentation)	cranona.	
Soil Backfilling and Cover Installation		
Re-vegetation Application Rates and Seeding Technique		
24 <u>Closure Report Attachment Checklist:</u> Instructions: Each of the follo	owing items must be attached	d to the closure report. Please indicate, by a check mark in
the box, that the documents are attached.	owing news whist be undered	
Proof of Closure Notice (surface owner and division)		
Proof of Deed Notice (required for on-site closure)	•	
Plot Plan (for on-site closures and temporary pits)	•••	
Confirmation Sampling Analytical Results (if applicable)		
Waste Material Sampling Analytical Results (if applicable)		
	•	
Disposal Facility Name and Permit Number		
Soil Backfilling and Cover Installation		
Re-vegetation Application Rates and Seeding Technique		
Site Reclamation (Photo Documentation)		
On-site Closure Location: Latitude:	Longitude:	NAD [1927 [1983
25	· · · · · · · · · · · · · · · · · · ·	
Operator Closure Certification:		
I hereby certify that the information and attachments submitted with this closure		
the closure complies with all applicable closure requirements and conditions sp	ecified in the approved closu	re plan.
Name (Print):	Title:	
Signature:	Date:	
	Telephone:	
e-mail address:	relephone:	
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Burlington Resources Oil & Gas Company, LP Closed-loop Plans

Closed-loop Design Plan

BR's closed loop system will not entail a drying pad, temporary pit, below grade tank or sump. It will include an above ground tank suitable for holding the cuttings and fluids for rig operations. The tank will be sufficient volume to maintain a safe free board between disposal of the liquids and solids from rig operations.

- 1. Fencing is not required for an above ground closed-loop system
- 2. It will be signed in compliance with 19.15.3.103 NMAC
- 3. A frac tank will be on location to store fresh water

Closed-loop Operating and Maintenance Plan

BR's closed-loop tank will be operated and maintained to contain liquids and solids in order to prevent contamination of fresh water sources, in order to protect public health and the environment. To ensure the operation is maintained the following steps will be followed:

- The liquids will be vacuumed out and disposed of at the Basin Disposal facility (Permit # NM-01-005) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B). Solids in the closed-loop tank will be vacuumed out and disposed of at Envirotech (Permit # NM-01-0011) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) on a periodic basis to prevent over topping.
- 2. No hazardous waste, miscellaneous solid waste or debris will be discharged into or stored in the tank. Only fluids or cutting used or generated by rig operations will be placed or stored in the tank.
- 3. The division district office will be notified within 48 hours of the discovery of compromised integrity of the closed-loop tank. Upon the discovery of the compromised tank, repairs will be enacted immediately

Closed-loop Closure Plan

The closed-loop tank will be closed in accordance with 19.15.17.13. This will be done by transporting cuttings and all remaining sludges to Envirotech (Permit # NM-01-0011) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) immediately following rig operations. All remaining liquids will be transported and disposed of in the Basin Disposal facility (Permit # NM-01-005) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B). The tanks will be removed from the location as part of the rig move. At time of well abandonment, the site will be reclaimed and re-vegetated to pre-existing conditions when possible.