163 N. Predic Dr., Holds, MM 4820       Energy Minerals and Natural Resources       100 Partitional         191 W. Grand Ace, Anexin, NM 48210       Department       To retemporary pits, devel-time stands, and bit to the appropriate NMOCD Detrict         192 N. Marcan M. Asce, NM 8710       Santa Fe, NM 87505       For permanent pits and exceptions adduit to the appropriate NMOCD Detrict         1220 S. M. Francis Dr., Santa Fe, NM 8710       Santa Fe, NM 87505       For permanent pits and exceptions adduit to the appropriate NMOCD Detrict Office.         1220 S. M. Francis Dr., Santa Fe, NM 8710       Santa Fe, NM 87505       For permanent pits and exceptions adduit to the appropriate NMOCD Detrict Office.         1220 S. M. Francis Dr., Santa Fe, NM 8710       Proposed Alternative Method Permit or Capue Alternative method       Improvide the stand of the space of the stand of t	
100 Binazo Rd, Aztee, NM 8710       Santa Fe, NM 87505       Per permanent pis and exceptions submitted for appropriate NAOCD Distinct Office.         120 S. M. Franké DF, Santa Fe, NM 87505       Proposed Alternative Method Permit or Closure Plan Application         120 S. M. Franké DF, Santa Fe, NM 87505       Proposed Alternative Method Permit or Closure Plan Application         120 S. M. Franké DF, Santa Fe, NM 87505       Proposed Alternative Method Permit or Closure Plan Application         120 S. M. Franké DF, Santa Fe, NM 87505       Proposed Alternative Method Permit or Closure Plan Application         120 S. M. Franké DF, Santa Fe, NM 87505       Proposed alternative Method Permit or Closure Plan Application         120 Closure plan only submitted for a existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method         120 Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or alternative method         120 Franké Abination de application (Form C144) per individual pit, closed-loop system, below-grade tank or alternative method         120 Franké Abination de application (Form C144) per individual pit, closed-loop system, below-grade tank, or alternative method         120 Franké Abination de application (Form C144) per individual pit, closed-loop system, below-grade tank, or alternative method         120 Franké Abination de application (Form C144) per individual pit, closed-loop system, below-grade tank, or alternative method         120 Fordor Bosystem:       Sonta Ferson Sonta So	
Prit. Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application         Type of action:       Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method         Modification to an existing permit       Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method         Modification to an existing permit       Closure of 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 and application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative water of the environment. Nor does approval of this request does nor relieve the operator of its responsibility to comply with any other applicable governmental autonity's nuls, regulations or estimater         Operator:       Burlington Resources Oil & Gas Company, LP       OGRID#: 14538         Address:       PO box 4289, Farmington, NM 87499       Facility or well name:       San JULN 286 UNIT 135P         API Number:       30-0393.06656       OCD Pennit Number:       U/L 0 QURQI:       Kio Arriba         Center of Proposed Design:       Latitude:       36.36065444       9N       Longitude:       107.3059985       W       NAD: [] 1927         Surface Owner:       K Pederal       State       Private       Tribal Trust or Indian Allotment         Permane	
Proposed Alternative Method Permit or Closure Plan Application     Type of action:	
Yupe of action:       Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method         Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method       Modification to an existing permit         Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system       below-grade tank, or proposed alternative method         Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative       method         Please be advised dua papeoal of thia request on clines responsibility to comply with any other applicable governmental audority's nate, regulations or offinances         Operator:       Burlington Resources Oil & Gas Company, LP       OGRID#: 14538         Address:       POBs 4289, Farmington, NM 87499         Facility or vell name:       SAJUAN 28-6 (UNT 135P         API Number:       30-039-30656       OCD Permit Number:         U/L or Qtr/Qtr:       K(NESW)       Section:       6         Surface Owner:       X       Federal       State       Private         State       Private       Tribal Trust or Indian Allotment       DIST.         2       Pff. Subsection F or G of 19.15.17.11 NMAC       RCVD APR       DIST.         2       Pff. Subsection F of Gord Dates and well       Porkover       DI IL CONS         3       Closections Stem:<	
☐ Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method         ∑ Modification to an existing permitted for an existing permitted or non-permitted pit, closed-loop system below-grade tank, or proposed alternative method         Instructions: Pleuse submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative method         Instructions: Pleuse submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative method         Instructions: Pleuse submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative method         Operator:       Burlington Resources Oil & Gas Company, LP         Oddress:       PO Box 4289, Farmington, NM 87499         Facility or well name:       SAN JUAN 28-6 UNIT 135P         Address:       PO Box 4289, Farmington, NM 87499         Facility or well name:       SAN JUAN 28-6 UNIT 135P         API Number:       30-039-30656         U/L or Qtr/Qtr:       KINE/SW)         Section:       6         Township:       27N         Range:       6W         Court/Qtr:       KINE/SW)         Section F or G of 19.15.17.11 NMAC       RCVD APR         Temporary:       Diving @ Workover         @ Pitt:       Subsection H of 19.15.17.11 NMAC         Temporary:       Ouv	
Image: SAN JUAN 28-6 UNIT 13SP         Address:       PO Box 4289, Farmington, NM 87499         Facility or vell name:       SAN JUAN 28-6 UNIT 13SP         Address:       Proposed Design:         Luitude:       36.36065444         Surface Owner:       SE Federal         State       Trible         Prime Busing Interface       Section F or G of 19.15.17.11 NMAC         Represent:       Subsection H of 19.15.17.11 NMAC         String-Reinforced       Liner type:         Type of Operator:       Pack and State Tasks         Hautord Interpret       Subsection H of 19.15.17.11 NMAC         Represent:       Subsection H of 19.15.17.11 NMAC         Type of Operator:       P&A         String-Reinforced       Liner type:         Liner Seams:       Welded         Factory       Other         Volume:       Dother         Welded       Factory         Other       Volume:         Diving Pacing Pacing Pace       String-Reinforced         Liner Seams:       Welded Tasks         Hunder:       Subsection H of 19.15.17.11 NMAC         Represent:       Subsection H of 19.15.17.11 NMAC         Type of Operator:       P&A       Distring-Reinforced      L	
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         Please be advised that approval of this request does not relieve the operator of linstify should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of lin sequents of this request does not relieve the operator of linstify should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of lin sequents of link any other applicable governmental autionity's rules, regulations or ordinances         Operator:       Burlington Resources Oil & Gas Company, LP       OGRID#: 14538         Address:       PO Box 4289, Farmington, NM 87499         Facility or well name:       SAN JUAN 28-6 UNIT 135P         API Number:       30-039-30656       OCD Permit Number:         U/L or Qtr/Qtr:       KINESW)       Section:       6         Township:       27N       Range:       6W       County:         Surface Owner:       IX       Pederal       State       Private       Tribal Trust or Indian Allotment         2       Pif:       Subsection F or G of 19.15.17.11 NMAC       RCVD APR       OIL CONS         Diffing:Reinforced       Liner Seams:       Welded	
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Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances         Operator:       Burlington Resources Oil & Gas Company, LP       OGRID#:       14538         Address:       PO Box 4289, Farmington, NM 87499         Facility or well name:       SAN JUAN 28-6 UNIT 135P         API Number:       30-039-30656       OCD Permit Number:         U/L or Qtr/Qtr:       K(NE/SW)       Section:       6         Township:       27N       Range:       6W       County:         Rice Owner:       Image:       6W       County:       Rio Arriba         Center of Proposed Design:       Latitude:       36.36065444       °N       Longitude:       107.3059985       °W       NAD:       ]1927         Surface Owner:       Image:       Federal       State       Private       Trust or Indian Allotment         2       Pit:       Subsection F or G of 19.15.17.11 NMAC       RCWD APR       DIL CONS         Temporary:       Doriling Workover       Dill CONS       DIST.       JIL DPE       HDPE       PVC       Other         String-Reinforeced	
avironment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authonity's rules, regulations or ordinances         1       Operator:       Burlington Resources Oil & Gas Company, LP       OGRID#:       14538         Address:       PO Box 4289, Farmington, NM 87499       Facility or well name:       SAN JUAN 28-6 UNIT 135P         API Number:       30-039-30656       OCD Permit Number:       U/L or Qtr/Qtr:       KiNE/SW)         Section:       6       Township:       27N       Range:       6W       County:       Rio Arriba         Center of Proposed Design:       Latitude:       36.36065444       °N       Longitude:       107.3059985       °W       NAD:       ] 1927         Surface Owner:       Image:       Federal       State       Private       Tribal Trust or Indian Allotment         2       Pit:       Subsection F or G of 19.15.17.11 NMAC       RCVD APR         Temporary:       Drilling       Workover       DIST.	request
Address:       PO Box 4289, Farmington, NM 87499         Facility or well name:       SAN JUAN 28-6 UNIT 135P         API Number:       30-039-30656       OCD Permit Number:         U/L or Qtr/Qtr:       K(NE/SW)       Section:       6       Township:       27N       Range:       6W       County:       Rio Arriba         Center of Proposed Design:       Latitude:       36.36065444       °N       Longitude:       107.3059985       °W       NAD:       ] 1927         Surface Owner:       X       Federal       State       Private       Tribal Trust or Indian Allotment         2       Pit:       Subsection F or G of 19.15.17.11 NMAC       RCUD APR         Temporary:       Drilling       Workover       DIL CONS         DIF       Dirined       Liner type:       Thickness       mil       LLDPE       HDPE       PVC       Other         String-Reinforced       Liner type:       Thickness       mil       LLDPE       HDPE       PVC       Other         3       Closed-loop System:       Subsection H of 19.15.17.11 NMAC       YW       XW       XI         3       Closed-loop System:       Subsection H of 19.15.17.11 NMAC       YW       XW       XI         3       Closed-loop Syst	
Facility or well name:       SAN JUAN 28-6 UNIT 135P         API Number:       30-039-30656       OCD Permit Number:         U/L or Qtr/Qtr:       K(NE/SW)       Section:       6       Township:       27N       Range:       6W       County:       Rio Arriba         Center of Proposed Design:       Latitude:       36.36065444       °N       Longitude:       107.3059985       °W       NAD:       ] 1927         Surface Owner:       IX       Federal       State       Private       Tribal Trust or Indian Allotment         2       Pit:       Subsection F or G of 19.15.17.11 NMAC       RCUD APR       DIL CONS         Temporary:       Drilling       Workover       DIL CONS       DIST.         Lined       Unlined       Liner type:       Thickness       mil       LLDPE       HDPE       PVC       Other         String-Reinforced       Iter type:       Thickness       mil       LLDPE       HDPE       PVC       Other         13       Ctosed-loop System:       Subsection H of 19.15.17.11 NMAC       Type of Operation:       P&A       X       X       x I         14       Ctosed-loop System:       Subsection H of 19.15.17.11 NMAC       Item type:       Thickness       mil       LLDPE       HDPE </td <td></td>	
API Number:       30-039-30656       OCD Permit Number:         U/L or Qtr/Qtr:       K(NE/SW)       Section:       6       Township:       27N       Range:       6W       County:       Rio Arriba         Center of Proposed Design:       Latitude:       36.36065444       "N       Longitude:       107.3059985       "W       NAD:       ] 1927         Surface Owner:       IX       Federal       State       Private       Tribal Trust or Indian Allotment         2       Pit:       Subsection F or G of 19.15.17.11 NMAC       RCUD APR       DIL CONS         Temporary:       Drilling       Workover       DIL CONS       DIST.         Lined       Unlined       Liner type:       Thickness       mil       LLDPE       HDPE       PVC       Other         String-Reinforced       Liner Seams:       Welded       Factory       Other       Volume:       bbl       Dimensions L       x W       x I         3       Closed-loop System:       Subsection H of 19.15.17.11 NMAC       Type of Operation:       P&A       ID rilling a new well       Workover or Drilling (Applies to activities which require prior approval of a perr notice of intent)         Drying Pad       Above Ground Steel Tanks       Haul-off Bins       Other       PUD       Other <td></td>	
U/L or Qtr/Qtr:       K(NE/SW)       Section:       6       Township:       27N       Range:       6W       County:       Rio Arriba         Center of Proposed Design:       Latitude:       36.36065444       °N       Longitude:       107.3059985       °W       NAD:       ] 1927         Surface Owner:       X       Federal       State       Private       Tribal Trust or Indian Allotment         2       Pit:       Subsection F or G of 19.15.17.11 NMAC       RCVD APR         Temporary:       Drilling       Workover       OIL CONS         Permanent       Emergency       Cavitation       P&A       DIST.         Lined       Unlined       Liner type:       Thickness       mil       LLDPE       HDPE       PVC       Other         3       Closed-loop System:       Subsection H of 19.15.17.11 NMAC       x W       x I         3       X       Closed-loop System:       Subsection H of 19.15.17.11 NMAC         Type of Operation:       P&A       X Drilling a new well       Workover or Drilling (Applies to activities which require prior approval of a perr notice of intent)         Drying Pad       Above Ground Steel Tanks       Haul-off Bins       Other       PVD       Other         Lined       Unlined       Liner	
Center of Proposed Design:       Latitude:       36.36065444       •N       Longitude:       107.3059985       •W       NAD:       1927         Surface Owner:       X       Federal       State       Private       Tribal Trust or Indian Allotment         2       Pit:       Subsection F or G of 19.15.17.11 NMAC       RCUD APR         Temporary:       Drilling       Workover       OIL CONS         Permanent       Emergency       Cavitation       P&A       DISI.         Lined       Unlined       Liner type:       Thickness       mil       LLDPE       HDPE       PVC       Other	
Surface Owner:       X       Federal       State       Private       Tribal Trust or Indian Allotment         2       Pfit:       Subsection F or G of 19.15.17.11 NMAC       RCVD APR         7       Drilling       Workover       OIL CONS         1       Permanent       Emergency       Cavitation       P&A         1       Lined       Unlined       Liner type:       Thickness       mil       LLDPE       HDPE       PVC       Other         2       String-Reinforced       Iner Scams:       Welded       Factory       Other       Volume:       bbl       Dimensions L       x W       x I         3       X       Closed-loop System:       Subsection H of 19.15.17.11 NMAC       Type of Operation:       P&A       X Drilling a new well       Workover or Drilling (Applies to activities which require prior approval of a permotice of intent)         3       X       Closed-loop System:       Subsection H of 19.15.17.11 NMAC         Type of Operation:       P&A       X Drilling a new well       Workover or Drilling (Applies to activities which require prior approval of a permotice of intent)         4       Drying Pad       Above Ground Steel Tanks       Haul-off Bins       Other       PVD       Other         Liner Seams:       Welded       Factory	V 108
2       Pit:       Subsection F or G of 19.15.17.11 NMAC       RCVD APR         Temporary:       Drilling       Workover       OIL_CONS         Permanent       Emergency       Cavitation       P&A       DIST.         Lined       Unlined       Liner type:       Thickness       mil       LLDPE       HDPE       PVC       Other         String-Reinforced       Liner Seams:       Welded       Factory       Other       Volume:       bbl       Dimensions L       x W       x I         3       X       Closed-loop System:       Subsection H of 19.15.17.11 NMAC       Type of Operation:       P&A       X Drilling a new well       Workover or Drilling (Applies to activities which require prior approval of a perr notice of intent)         Drying Pad       Above Ground Steel Tanks       Haul-off Bins       Other       PVD       Other         Liner Seams:       Welded       Factory       Other	A 190
Pit:       Subsection F or G of 19.15.17.11 NMAC       RCVD APR         Temporary:       Drilling       Workover       OIL CONS         Permanent       Emergency       Cavitation       P&A       DIST.         Lined       Unlined       Liner type:       Thickness       mil       LLDPE       HDPE       PVC       Other         String-Reinforced	
Temporary:       Drilling       Workover       OIL CONS         Permanent       Emergency       Cavitation       P&A       DIST.         Lined       Unlined       Liner type:       Thickness       mil       LLDPE       HDPE       PVC       Other         String:Reinforced	9:15
Permanent       Emergency       Cavitation       P&A       DIST.         Lined       Unlined       Liner type:       Thickness       mil       LLDPE       HDPE       PVC       Other         String-Reinforced	
Lined       Unlined       Liner type:       Thickness       mil       LLDPE       HDPE       PVC       Other         String-Reinforced       Unliner Seams:       Welded       Factory       Other       Volume:       bbl       Dimensions L       x W       x 1         X       Closed-loop System:       Subsection H of 19.15.17.11 NMAC         Type of Operation:       P&A       X Drilling a new well       Workover or Drilling (Applies to activities which require prior approval of a perm notice of intent)         Drying Pad       Above Ground Steel Tanks       Haul-off Bins       Other       (PRE-SET) MUD         Lined       Unlined       Liner type:       Thickness       mil       LLDPE       HDPE       PVD       Other         4       Below-grade tank:       Subsection I of 19.15.17.11 NMAC       Yolume:       bbl       Type of fluid:	
String-Reinforced         Liner Seams:       Welded       Factory       Other	3
Liner Seams:       Welded       Factory       Other       Volume:       bbl       Dimensions L       x W       x I         3       X       Closed-loop System:       Subsection H of 19.15.17.11 NMAC         Type of Operation:       P&A       X       Drilling a new well       Workover or Drilling (Applies to activities which require prior approval of a perrnotice of intent)         Drying Pad       Above Ground Steel Tanks       Haul-off Bins       Other       (PRE-SET) MUD         Lined       Unlined       Liner type:       Thickness       mil       LLDPE       PVD       Other         Liner Seams:       Welded       Factory       Other	
3       X       Closed-loop System:       Subsection H of 19.15.17.11 NMAC         Type of Operation:       P&A       X       Drilling a new well       Workover or Drilling (Applies to activities which require prior approval of a perr notice of intent)         Drying Pad       Above Ground Steel Tanks       Haul-off Bins       Other       (PRE-SET) MUD         Lined       Unlined       Liner type:       Thickness       mil       LLDPE       PVD       Other         Liner Seams:       Welded       Factory       Other	_
X       Closed-loop System:       Subsection H of 19.15.17.11 NMAC         Type of Operation:       P&A       X       Drilling a new well       Workover or Drilling (Applies to activities which require prior approval of a perr notice of intent)         Drying Pad       Above Ground Steel Tanks       Haul-off Bins       Other       (PRE-SET) MUD         Lined       Unlined       Liner type:       Thickness       mil       LLDPE       PVD       Other         Liner Seams:       Welded       Factory       Other	
Below-grade tank:       Subsection I of 19.15.17.11 NMAC         Volume:	nit or
Volume:bbl Type of fluid:	
1 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	
Alternative Method:	
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of appro	
Form C-144 Oil Conservation Division Pa	val.

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<ul> <li>6 .</li> <li>Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)</li> <li>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)</li> <li>Four foot height, four strands of barbed wire evenly spaced between one and four feet</li> <li>Alternate. Please specify</li> </ul>			
7         Netting:       Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)         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			
<ul> <li>9         <u>Administrative Approvals and Exceptions:</u>         Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.         <i>Please check a box if one or more of the following is requested, if not leave blank:</i>         [X] Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consist (Closed Loop Pre-set)         [S] Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.     </li> </ul>	deration of approval.		
<sup>10</sup> <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. (Applies to temporary, emergency, or cavitation pits and below-grade tanks)	Yes No		
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image			
<ul> <li>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>(Applied to permanent pits)</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	∐Yes ∐No ∏NA		
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		
<ul> <li>Within 500 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	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		
<ul> <li>Within an unstable area.</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>	Yes No		
Within a 100-year floodplain - FEMA map	Yes No		

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Temporarv 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
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
Previously Approved Operating and Maintenance Plan API
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 (I) 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         Husiance 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 Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank X Closed-loop System
Alternative (PRE-SET)
Proposed Closure Method: Waste Excavation and Removal
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 I 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 Gro</u> Instructions: Please identify the facility or facilities for the disposal of liquids facilities are required.	nund Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC) , drilling fluids and drill cuttings. Use attachment if more than two		
Disposal Facility Name: Envirotech / JFJ Landfarm % IEI	Disposal Facility Permit #: <u>NM-01-0011 / NM-01-00</u>	010B	
Disposal Facility Name: Basin Disposal Facility	Disposal Facility Permit #: <u>NM-01-005</u>		
Will any of the proposed closed-loop system operations and associated Yes (If yes, please provide the information No	activities occur on or in areas that will not be used for future	service and	
Required for impacted areas which will not be used for future service and op         Soil Backfill and Cover Design Specification - based upon the a         Re-vegetation Plan - based upon the appropriate requirements of         Site Reclamation Plan - based upon the appropriate requirement	appropriate requirements of Subsection H of 19.15.17.13 NMA f Subsection I of 19.15.17.13 NMAC	AC	
17 <u>Siting Criteria (Regarding on-site closure methods only:</u> 19.15.17. Instructions: Each siting criteria requires a demonstration of compliance in the clo. certain siting criteria may require administrative approval from the appropriate dis office for consideration of approval. Justifications and/or demonstrations of equiva	sure plan. Recommendations of acceptable source material are provided strict office or may be considered an exception which must be submitted to		
Ground water is less than 50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS:		Yes No	
Ground water is between 50 and 100 feet below the bottom of the buri	ed waste	Yes No	
- NM Office of the State Engineer - iWATERS database search; USGS; J	Data obtained from nearby wells	N/A	
Ground water is more than 100 feet below the bottom of the buried wa	iste.	Yes No	
- NM Office of the State Engineer - iWATERS database search; USGS;	Data obtained from nearby wells		
Within 300 feet of a continuously flowing watercourse, or 200 feet of any othe (measured from the ordinary high-water mark).	er significant watercourse or lakebed, sinkhole, or playa lake	Yes No	
- Topographic map; Visual inspection (certification) of the proposed site			
Within 300 feet from a permanent residence, school, hospital, institution, or cl - Visual inspection (certification) of the proposed site; Aerial photo; satell	••	Yes No	
	, ,	TYes No	
Within 500 horizontal feet of a private, domestic fresh water well or spring th purposes, or within 1000 horizontal fee of any other fresh water well or spring - NM Office of the State Engineer - iWATERS database; Visual inspectio	g, in existence at the time of the initial application.		
Within incorporated municipal boundaries or within a defined municipal fresh pursuant to NMSA 1978, Section 3-27-3, as amended.	water well field covered under a municipal ordinance adopted	Yes No	
- Written confirmation or verification from the municipality; Written appr Within 500 facts for under d	oval obtained from the municipality		
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map; Topographic map; V	isual inspection (certification) of the proposed site	Yes No	
Within the area overlying a subsurface mine. - Written confiramtion or verification or map from the NM EMNRD-Min	ing and Mineral Division	Yes No	
Within an unstable area.	· ·	Yes No	
<ul> <li>Engineering measures incorporated into the design; NM Bureau of Geol Topographic map</li> </ul>	ogy & Mineral Resources; USGS; NM Geological Society;		
Within a 100-year floodplain. - FEMA map		Yes No	
18 On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instruction	s: Each of the following items must bee attached to the clos	ure plan. Please indicate,	
by a check mark in the box, that the documents are attached.			
Siting Criteria Compliance Demonstrations - based upon the appropriate re			
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 Burlat Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in place burlal of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC			
Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC         X       Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC			
Confirmation Sampling Plan (if applicable) - based upon the ap		Ĉ	
X         Waste Material Sampling Plan - based upon the appropriate red			
Image: Second	•	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 I of 19.15.17.13 NMAC

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

0°       Creater Application Certification         Darky conditions       Anna (Creation)         Signature:	
Signature:	Operator Application Certification: I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.
e-mail address:	Name (Print): Ja mie Goodwin Title: Regulatory Tech.
20         20         CDD Approxal:       Permit Application (including clearer plan)       glocure Plan (only)       OCD Conditions (see attachment)         OCD Representative Signature:	Signature: /_///////////////////////////////////
QCD Apprendit       [Permit Application (including clearer plan)	e-mail address: // jamie.l.goodwin@conocophillips.com Telephone: 505-326-9784
QCD Apprendit       [Permit Application (including clearer plan)	
Title:       Compliance       OCD Permit Number:         11       Charme Report (required within 60 days of closure completion): solucions is of 10 13 73 NMAC         Distribution:       Optimized Structure Constructions and space data period in the information of the closure activities and submitting the closure report. The closure agenue data was a complete this section of the form smill an agenued dataset period prior in the plane data and complete this section of the form smill an agenued dataset period prior in the plane activities. Plane data and complete this section of the form smill an agenued dataset period prior in the plane data and complete this section of the form smill an agenued dataset period prior in the plane data and the closure dataset period prior in the plane data and the closure dataset period prior in the plane data and the closure dataset period prior in the plane and the closure dataset period prior in the plane data and the closure dataset period prior in the plane data and the closure dataset prior data and the closure dataset period prior in the plane data and the closure dataset period prior in the plane data and the closure dataset period prior data and the closure dataset period prior data and the closure dataset period prior data and plane dataset period prior data and data and data closure wave dataset. Use and closure dataset period prior dataset period prior data and data and data closure dataset period prior dataset period prior data exception dataset.         20       Closure Report Active Mass Removal Closure for Closure for Report Structure dataset period prior data and dataset dataset period	OCD Approval: Permit Application (including closure plan)
Title:       Compliance       OCD Permit Number:         11       Charme Report (required within 60 days of closure completion): solucions is of 10 13 73 NMAC         Distribution:       Optimized Structure Constructions and space data period in the information of the closure activities and submitting the closure report. The closure agenue data was a complete this section of the form smill an agenued dataset period prior in the plane data and complete this section of the form smill an agenued dataset period prior in the plane activities. Plane data and complete this section of the form smill an agenued dataset period prior in the plane data and complete this section of the form smill an agenued dataset period prior in the plane data and the closure dataset period prior in the plane data and the closure dataset period prior in the plane data and the closure dataset period prior in the plane and the closure dataset period prior in the plane data and the closure dataset period prior in the plane data and the closure dataset prior data and the closure dataset period prior in the plane data and the closure dataset period prior in the plane data and the closure dataset period prior data and the closure dataset period prior data and the closure dataset period prior data and plane dataset period prior data and data and data closure wave dataset. Use and closure dataset period prior dataset period prior data and data and data closure dataset period prior dataset period prior data exception dataset.         20       Closure Report Active Mass Removal Closure for Closure for Report Structure dataset period prior data and dataset dataset period	OCD Representative Signature: (And ) (4/3/20)
Closure Recard (required within 60 days of dayser particular): shares we stick (0.51):12130AUC         intermediate: Operation use required to the diversion within 60 days of the completion of the closure advisites. Please day and complete this section of the form used an experiment of the closure advisites. Please day and complete this section of the form used and the closure activities have been completed.         20	Title: <u>Compliance Officer</u> O OCD Permit Number:
Tasking the closure required to obtain an approved closure plan prior in unplementary, any closure activities. Plane add submitting the closure required to obtained and the closure activities have been completed.	
	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 until an
Closure Method:       On-site Closure Method       Alternative Closure Method       Waste Removal (Closed-loop systems only)         1       If different flow approved plan, please explain.         23         Closure Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Huad-off Bins Only: Instructions: Proves illendly the facility or facilities for where the liquids, and aritic extings were disposed. Use attachment if more than no facilities were utilized.         Disposal Facility Name:       Disposal Facility Permit Number:         Disposal Facility Name:       Disposal Facility Permit Number:         Were the obset-doop system operations and associated activities performed or or in areas that will not be used for future service and operations?         Sum Reclamation (Ploto Documentation)       Soin Reclamation (Ploto Documentation)         Soin Recent 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 and Seccing Technique         24       Closure Referent 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 and seccing Technique         24       Closure Notice (required for on-site closure)       Disposal Facility Name:       Disposal Facility Name:         25       Closure Notice (required for on-site closure)       Disposal Facility Name and Permit Number:       NAD <td></td>	
Closure Method:       On-site Closure Method       Alternative Closure Method       Waste Removal (Closed-loop systems only)         23         Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Hauboff Bins Only: Intracticities: Preses librality flue facility or facilities for where the liquids, drilling fluids and drill curtings were disposed. Use attachment if more than two facilities: Were utilized.         Disposal Facility Name:       Disposal Facility Permit Number:         Disposal Facility Name:       Disposal Facility Permit Number:         Were the closed-loop system operations and associated activities performed on or in arces that will not be used for future service and operations?         Sile Rechamation (Ploto Documentation)       No         Bale Rechamation (Ploto Documentation)       Sole Rechamation (Ploto Documentation)         Sole Rechamation (Ploto Documentation)       Sole Rechamation (Ploto Documentation)         Pool of Oced Notice (required for on-site closure)       Phot Plot Plot (Plot (Gouro Notice (required for on-site closure))       Phot Plot Plot (Gouro Notice (required f	22
23         23         Charter Report Regarding Waste Removal Closure For Closed-loop Systems That Uillize Ahove Ground Steel Tanks of Haul-off Bins Only: Instructions: Plane identify the facility of facilities for where the liquids, drilling fluids and drill cattings were disposed. Use attachment If more than two facilities were utilized.         Disposal Facility Name:	
23 Chearre Report Resarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Outy: Instructions: Places identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two fucilities were utilized. Disposal Facility Name: Disposal Facility Permit Number: Disposal Facility States: Disposal Facility Permit Number: Vers (If yes, please demonstrate compilane to the items below)No Evequeted for impacted areas which will not be used for future service and operations:Site Reclamation (Photo Documentation)Soil Backfilling and Cover InstallationRevegetation Application Rates and Seeding Technique	Waste Excavation and Removal On-site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only)
Chestre Report Resarding: Wate Removal Closure For Closed-loop Systems That Utilize Alves Ground Steel Tanks or Hank-off Bios Only:         Instructions: Places identify the fuellities for where the liquids, drifting fluids and drift entitings were disposed. Use attachment if more than two fuellities         Disposal Facility Name:	If different from approved plan, please explain.
Chestre Report Resarding: Wate Removal Closure For Closed-loop Systems That Utilize Alves Ground Steel Tanks or Hank-off Bios Only:         Instructions: Places identify the fuellities for where the liquids, drifting fluids and drift entitings were disposed. Use attachment if more than two fuellities         Disposal Facility Name:	
Instructions: Places identify the facility or facilities for where the liquids, drilling fluids and drill curtings were disposed. Use attachment if more than two facilities were utilized.         Usposal Facility Name:	
were utilized       Disposal Facility Permit Number:         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 compiliance to the items below)       No         Required for impacted areas which will not bused for future service and operations:       Site Rechamation (Photo Documentation)         Soil Backfilling and Cover Installation       Revegetation 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.         Proof of Closure Notice (surface owner and division)       Proof of Closure Notice (surface owner and division)         Proof of Closure Notice (surface owner and division)       Soil Backfilling and Cover Installation         Revegetation Application Rates and Seeding Technique       Soil Backfilling and Cover Installation         Soil Backfilling and Cover Installation       Soil Backfilling and Cover Installation         Proof of Closure Notice (surface owner and division)       Disposal Facility Name and Permit Number         Soil Backfilling and Cover Installation       Soil Backfilling and Cover Installation         Reveget	
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Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?         Yes (If yes, please demonstrate compiliane to the items below)       No         Required for impacted areas which will not be used for future service and operations:       Sie Rechanation (Ploto 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 bax, that the documents are attached.         Proof of Closure Notice (surface owner and division)       Proof of Closure Notice (surface owner and division)         Phot Plan (for on-site closure)       Plot Plan (for on-site closure)         Waste Material 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:       Latitude:       Longitude:       NAD       1927       1983         24       Signature:       Date:       Date:       <	Disposal Facility Name: Disposal Facility Permit Number:
24         24         24         25         26         27         26         27         28         29         29         29         29         29         29         29         20         21         22         24         24         25         26         26         26         26         26         26         26         26         26         26         26         27         26         26         27         28         29         20         20         21         22         23         24         25         26         26         27         28         29         29         29         29         29	Disposal Facility Name: Disposal Facility Permit Number:
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23         24         25         26         27         28         29         29         20         20         21         23         24         25         26         27         28         29         29         20         20         21         23         24         25         26         27         28         29         20         20         21         22         23         24         25         26         26         27         28         29         29         29         29         29         29         29         29         29         29         29         29         29         29         29	Yes (If yes, please demonstrate compliane to the items below)
Soil Backfilling and Cover Installation         24         Cosure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in         10       Proof of Closure Notice (surface owner and division)         11       Proof of Closure Notice (surface owner and division)         12       Proof of Closure Notice (required for on-site closure)         13       Proof of Deed Notice (required for on-site closure)         14       Proof of Deed Notice (required for on-site closure)         15       Confirmation Sampling Analytical Results (if applicable)         14       Waste Material Sampling Analytical Results (if applicable)         15       Soil Backfilling and Cover Installation         16       Re-vegetation Application Rates and Seeding Technique         15       Site Reclamation (Photo Documentation)         16       On-site Closure Location:       Latitude:         17       I 1983	Required for impacted areas which will not be used for future service and operations:
24         24         25         26         27         28         29         29         29         20         20         21         22         23         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.         24       Proof of Closure Notice (surface owner and division)         25       Operator Closure Location: Latitude: Longitude: NAD   1927   1983         25       Operator Closure Certification:         26       Operator Closure Certification: Latitude: and conditions specified in the approved closure plan.         25       Operator Closure Certification: Latitude: and conditions specified in the approved closure plan.         Name (Print):       Title:         Signature:       Date:	Site Reclamation (Photo Documentation)
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.         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	Soil Backfilling and Cover Installation
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 bax, that the documents are attached. 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) Usate Material Sampling Analytical Results (if applicable) 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 Page 7	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 bax, that the documents are attached. 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) Usate Material Sampling Analytical Results (if applicable) 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 Page 7	24
25         Operator Closure Certification:         1         25         Operator Closure Certification:         1         1         25         Operator Closure Certification:         1         1         1         1         25         Operator Closure Certification:         1         1         1         1         1         1         25         Operator Closure Certification:         1       Latitude:         25         Operator Closure Certification:         1       It is closure report is ture, accurate and complete to the best of my knowledge and belief. 1 also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.         Name (Print):       Title:         Signature:       Date:	
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	
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	Proof of Closure Notice (surface owner and division)
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	Proof of Deed Notice (required for on-site closure)
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         Image: NAD       1927         Image: NAD       1927 <td>Plot Plan (for on-site closures and temporary pits)</td>	Plot Plan (for on-site closures and temporary pits)
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         Image: NAD       1927         Image: NAD       1927 <td></td>	
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:         Latitude:       Longitude:         NAD       1927         1983	
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	
Re-vegetation Application Rates and Seeding Technique         Site Reclamation (Photo Documentation)         On-site Closure Location:       Latitude:         Longitude:       NAD         1927       1983	
Site Reclamation (Photo Documentation)       On-site Closure Location:       Longitude:       NAD       1927       1983         25       Operator Closure Certification:       Intereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.         Name (Print):	
On-site Closure Location:       Latitude:      Longitude:      NAD       1927       1983         25       Operator Closure Certification:       Intereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.         Name (Print):	
25 Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan. Name (Print): Signature: Date:	
Operator Closure Certification:         I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.         Name (Print):	On-site Closure Location: Latitude:Longitude:NAD [] 1927 [] 1983
Operator Closure Certification:         I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.         Name (Print):	
I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.          Name (Print):	
the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.          Name (Print):       Title:         Signature:       Date:	
Name (Print):	
Signature: Date:	the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.
Signature: Date:	Name (Print): Title:
e-mail address: Telephone:	Signature: Date:
	e-mail address: Telephone:

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Oil Conservation Division

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# Burlington Resources Oil & Gas Company, LP MUD PRE SET DRILL

### **Closed Loop Design:**

The closed loop design will not incorporate a temporary pit or below grade tank. The plan will utilize an above grade tank suitable for holding the cuttings and fluids generated during drilling operations. The volume of the tank shall be of a sufficient volume to maintain an adequate free board for periodic removal and disposal of cuttings and fluids.

Burlington Resources Oil & Gas Company, LP may incorporate the use of a 20 mil, string reinforced, LLDPE liner with factory welded seams to line the drying pad in order to minimize the volume of fluids to be disposed of. The drying pad will be designed to prevent contamination of fresh water, protect public health and the environment, and have sumps to facilitate the collection of liquids derived from drilling cuttings, as specified per subsection H of 19.15.17.11. The cuttings pad will be constructed above grade and containment will be through the use of earthen berms of sufficient height to contain the cuttings and prevent run-off of surface water or fluids. The drying pad area will replace the area of the drill site previously designated for the reserve pit. It will be signed in compliance with 19.15.3.103.NMAC. Frac tanks will be utilized on site for fresh water storage.

## **Closed Loop Operations and Maintenance:**

The closed loop system will be operated and maintained for solids and liquid containment to prevent ground water contamination as follows:

- 1. Any free liquids will be recovered and reused or disposed of at the Basin Disposal Facility (Permit # NM-01-005) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B). Reuse may include the relocating of liquids to be used in other permitted drilling operations.
- Drill solids will be recovered from location and hauled to Envirotech (Permit #NM-01-0011) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) periodically as required to maintain a safe free board in the cuttings tank. No onsite trench burial of cuttings will occur.
- 3. In the event a drying pad is utilized, the cuttings will be picked up and transported to Basin Disposal Facility (Permit #NM-01-005) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B). The liner will be disposed of at the San Juan County Landfill located on CR 3100. The drying pad will be closed within 6 months from the date that the drilling rig is released. Berms constructed from native materials will be bladed on site to the location's contour.
- 4. Any drilling materials or trash will be stored and disposed of appropriately.
- 5. The NMOCD will be notified within 48 hours of the discovery of compromised integrity of the closed loop containment. Any required repairs will commence immediately.

### **Closed Loop Closure Plan:**

 Upon completion of the drilling operations, all solids and liquids will be removed and disposed of to Envirotech (Permit #NM-01-0011) and/or Basin Disposal Facility (Permit # NM-01-005) and/or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B). Equipment shall also be removed from location. In the event a drying pad is utilized, the solids contained on the pad shall remain on site to allow sufficient drying and will then be transported to Envirotech (Permit # NM-01-0011) or JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) within 6 months from the date that the drilling rig is released. 2. After the drying pad is removed the surface below will be visually inspected for any contamination. If contamination is discovered a five point composite sample will be taken of the drying pad area using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e., Dig and haul.

Components	Tests Method	Limit (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	2500
GRO/DRO	EPA SW-846 8015M	500
Chlorides	EPA 300.1	500

- 3. 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.
- 4. Notification will be sent to OCD when the reclaimed area is seeded.
- 5. BR shall seed the disturbed areas the first growing season after the operator closes the drying pad. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will used on federal 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. Repeat seeding or planting will be continued until successful vegetative growth occurs.

Туре	Variety or Cultivator	PLS/A
Western wheatgrass	Arriba	3.0
Indian ricegrass	Paloma or Rimrock	3.0
Slender wheatgrass	San Luis	2.0
Crested wheatgrass	Hy-crest	3.0
Bottlebrush Squirreltail	Unknown	2.0
Four-wing Saltbrush	Delar	.25

## Species shall be planted in pounds of pure live seed per acre: Present Pure Live Seed (PLS) = Purity X Germination/100 Two lots of seed can be compared on the basis of PLS as follows:

Source No. One (poor quality)Purity50 percentGermination40 percentPercent PLS20 percent5 lb. bulk seed required to make1 lb. PLS

Source No. two (better quality) Purity 80 percent Germination 63 percent Percent PLS 50 percent 2 Ib. bulk seed required to make 1 Ib. PLS