District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources** Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-144 July 21, 2008

For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy 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:	X 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 request

Please he advised that approval of this request does not relieve the operator of liability should operations 

environment. Nor does approval relieve the operator of liability should operations result in pollution of surface water, ground water, ground water, ground water, ground water, ground water is a convironment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations of	
Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538	
Address: PO Box 4289, Farmington, NM 87499	
Facility or well name: RANDLEMON 2	
API Number: 3004521672 OCD Permit Number:	
U/L or Qtr/Qtr: B Section: 26 Township: 31N Range: 11W County: San Juan	
Center of Proposed Design: Latitude: 36.87434°N Longitude: -107.95703°W NAD:	X 1927 1983
Surface Owner: Federal State X Private Tribal Trust or Indian Allotment	
Pit: Subsection F or G of 19.15.17.11 NMAC  Temporary: Drilling Workover  Permanent Emergency Cavitation P&A  Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other  String-Reinforced  Liner Seams: Welded Factory Other Volume: bbl Dimensions L x W   Closed-loop System: Subsection H of 19.15.17.11 NMAC	x D
Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approvantice of intent)  Drying Pad Above Ground Steel Tanks Haul-off Bins Other  Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Other  Liner Seams: Welded Factory Other	ıl of a permit or
A	
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for considerations.	on of approval.

6 Consider to the state of the										
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  X Alternate. Please specify 4' hog wire fencing topped with two strands barbed wire.										
7  Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)										
X Screen Netting Other										
Monthly inspections (If netting or screening is not physically feasible)										
8										
Signs: Subsection C of 19.15.17.11 NMAC  12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers										
X Signed in compliance with 19.15.3.103 NMAC										
9	3,447-20-2-7									
Administrative Approvals and Exceptions:  Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.										
Please check a box if one or more of the following is requested, if not leave blank:										
X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for cons (Fencing/BGT Liner)	ideration of ap	pproval.								
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.										
10										
Siting Criteria (regarding permitting): 19.15.17.10 NMAC										
Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the										
appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria										
does not apply to drying pads or above grade-tanks associated with a closed-loop system.										
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.  NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes	XNo								
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa	Yes	XNo								
lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site										
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial	Yes	XNo								
application.										
(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.	∏Yes	По								
(Applied to permanent pits)	XNA	L,								
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image										
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes	XNo								
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.										
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal 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	XNo								
Within 500 feet of a wetland.	Yes	XNo								
<ul> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> <li>Within the area overlying a subsurface mine.</li> </ul>	Yes	X No								
- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division		டிரல								
Within an unstable area.	Yes	X No								
<ul> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>										
Within a 100-year floodplain - FEMA map	Yes	XNo								

Form C-144 Oil Conservation Division Page 2 of 5

But   Hydrogocologic Pertor (Chemyacard Tailsa). Nated upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC   Hydrogocologic Partor (Chemyacard Tailsa). Nated upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC   Sting Criteria Compliance Demonstrations - based upon the appropriate requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC   Design Plan - based upon the appropriate requirements of 19.15.17.1 NMAC   Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.2 NMAC   Closure Plan (Pelace complete Boxes 14 through 18.1 fapplicable) - based upon the appropriate requirements of 19.15.17.9 NMAC and 19.15.17.3 NMAC   Previously Approved Design (tasted copy of design)	Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Hydrogeologic Data (Temporary and Emergency Pits) - based upon the appropriate requirements of Paragraph (2) of Subsection B of 19.15.17.9	
Sixting Criteria Compiliance Demonstrations - hased upon the appropriate requirements of 19.15.17.10 NMAC	
Socian Plan - lased upon the appropriate requirements of 19.15.17.1 NMAC	
Solution   Continue	
Closure Plan (Pleaze complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NAAC and 19.15.17.13 NAAC	
Previously Approved Design (attach copy of design)	
Closed-loop Systems Permit Application Attachment Checklet: Subsection B of 19.15.17.0 NMAC	
Closed-John Systems Permit Application Attachment Checklist: Subsection B of 19.15.179 NMC   Cologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Pangraph (3) of Subsection B of 19.15.17.9   Sting Criteria Compliance Demonstrations (only for on-site closure) - based upon the 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 (Pease complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC   Perviously Approved Dereating and Maintenance Plan - AP	Previously Approved Design (attach copy of design) API or Permit
Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	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.
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)	Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 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 (and 19.15.17.13 NMAC (and 19.15.17.13 NMAC)	Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
NAMC and 19.15.17.13 NMAC   Previously Approved Design (attach copy of design)   API   Previously Approved Design (attach copy of design)   API   Previously Approved Operating and Maintenance Plan   API	Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
Previously Approved Operating and Maintenance Plan	
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  Critified 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  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 19.15.17.11 NMAC  Nuisance or Hazardous Odors, including H2S, Prevention Plan  Emergency Response Plan  Oil Field Waste Stream Characterization  Monitoring and Inspection Plan  Emergency Response Plan  Closure Plan - based upon the appropriate requirements of 19.15.17.9 NMAC and 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 XBelow-grade Tank Closed-loop System  Inspect Closure Method: XWaste Escavation and Removal (Below-Grade Tank)  Proposed Closure Method: Maste Removal (Closed-loop systems only)  On-site Closure Method (only for temporary pits and closed-loop systems)  Inspect Box and Constructions: Plane Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.  Proposed Closure Method: The place Burial On-site Trench  Alternative Closure Method (only for temporary pits and closed-loop systems)  On-site Closure Method (only for temporary pits and closed-loop	Previously Approved Design (attach copy of design) API
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC   Instructions: Each of the following litems 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 19.15.17.10 NMAC   Climatological Factors Assessment   Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC   Cimatological Factors Assessment   Certified Engineering Design Plans - 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   Leak Detection 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   Precboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC   Nuisance or Hazardous Odors, including H2S, Prevention Plan   Gliffield Waste Stream Characterization   Monitoring and Inspection Plan   Engosino Control Plan   Closure Plan - based upon the appropriate requirements of 19.15.17.9 NMAC and 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   X Below-grade Tank   Closed-loop System   Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)   Maste Excavation and Removal Closed-loop systems only)   On-site Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)   Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC   Instructions: Each of the following items must be a	IR
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 19.15.17.19 NMAC   Stiting 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   Liner Specifications and Compatibility Assessment - 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   Operating Administration of Plan   District Plan   Oil Field Waste Stream Characterization   Oil Field Waste Stream	13
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   Critified 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   Licak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC   Licak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC   Liner Specifications and Compatibility Assessment - 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 19.15.17.11 NMAC   Nuisance or Hazardous Odors, including H2S. Prevention Plan   Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC   Nuisance or Hazardous Odors, including H2S. Prevention Plan   Ension Control	Permanent Pits Permit Application Checklist: 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  Luner Specifications and Compatibility Assessment - 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 Overtoping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  Nuisance or Hazardous Odors, including H2S. Prevention Plan  Emergency Response Plan  Oil Field Waste Stream Characterization  Monitoring and Inspection Plan  Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC  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 Morkover Emergency Cavitation P&A Permanent Pit Release Complete the applicable December of Pasite Trank  Alternative  Proposed Closure Method: Waste Removal (Closed-loop systems only)  On-site Closure Method (only for temporary pits and closed-loop systems)    Maste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.  Protocol 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  Soll 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 appropriat	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.
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  Liner Specifications and Compatibility Assessment - 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  Nuisance or Hazardous Oddors, 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 Subsection C 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 Closed-loop System Alternative  Proposed Closure Method: Waste Excavation and Removal (Below-Grade Tank)  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 19.15.17.1	Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.9 NMAC
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   Liak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC   University 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   Precboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC   Nuisance or Hazardous Odors, including H2S. Prevention Plan   Emergency Response Plan   Oil Field Waste Stream Characterization   Monitoring and Inspection Plan   Erosion Control	Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 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   Liner Specifications and Compatibility Assessment - 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   Nuisance or Hazardous Odors, including H2S. Prevention Plan   Emergency Response Plan   Oil Field Waste Stream Characterization   Monitoring and Inspection Plan   Erosion Control Plan   Erosion Control Plan   Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 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   Release   Release   Release   Permanent Pit   Release   Release   Release   Permanent Pit   Release   Rele	
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC   Liner Specifications and Compatibility Assessment - 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   Nuisance or Hazardous Odors, including H2S, Prevention Plan   Emergency Response Plan   Oil Field Waste Stream Characterization   Monitoring and Inspection Plan   Erosion Control Plan   Erosion Control Plan   Erosion Control Plan   Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 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   XBelow-grade Tank   Closed-loop System   Alternative   Proposed Closure Method:   XWaste Excavation and Removal (Below-Grade Tank)   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)   Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC)   Protocols and Procedures - 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 H of 19.15.17.13 NMAC   Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC   Re-vegetation Plan - based upon the a	
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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     Nuisance 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 Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC     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:	
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC    Nuisance 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 Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC    Proposed Closure: 19.15.17.13 NMAC	
Nuisance or Hazardous Odors, including H2S, Prevention Plan    Emergency Response Plan   Oil Field Waste Stream Characterization   Monitoring and Inspection Plan   Errosion Control Plan   Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC   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:	
Emergency Response Plan  Oil Field Waste Stream Characterization  Monitoring and Inspection Plan  Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 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 Closed-loop System Alternative  Proposed Closure Method: Waste Excavation and Removal (Below-Grade Tank)  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.  X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC  X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)  X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	
Oil Field Waste Stream Characterization   Monitoring and Inspection Plan   Erosion Control Plan   Erosion Control Plan   Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC      Proposed Closure: 19.15.17.13 NMAC   Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.	
Monitoring and Inspection Plan   Erosion Control Plan   Erosion Control Plan   Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	
Erosion Control Plan  Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC    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   X Below-grade Tank   Closed-loop System   Alternative	l <del>=</del>
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC  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 XBelow-grade Tank Closed-loop System Alternative  Proposed Closure Method: XWaste Excavation and Removal (Below-Grade Tank) 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.  X 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	
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 Closed-loop System Alternative  Proposed Closure Method: Waste Excavation and Removal (Below-Grade Tank)  Waste Excavation and 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.  X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC  X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC  X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)  X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
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Type: Drilling Workover Emergency Cavitation P&A Permanent Pit X Below-grade Tank Closed-loop System Alternative  Proposed Closure Method: X Waste Excavation and Removal (Below-Grade Tank) 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)    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.   X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC   X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC   X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)   X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC   X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	Proposed Closure: 19.15.17.13 NMAC
Proposed Closure Method: X Waste Excavation and Removal (Below-Grade Tank)  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)  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.  X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC  X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC  X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)  X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	Type: Drilling Workover Emergency Cavitation P&A Permanent Pit X Below-grade Tank Closed-loop System
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)  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.  X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC  X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC  X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)  X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	
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<ul> <li>∑ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)</li> <li>∑ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>∑ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC</li> </ul>	I = I
<ul> <li>Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC</li> </ul>	
X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	
1281 Sine recommendation than consecution on appropriate requirements of subsection of 01.17.17.17.17.17.17.17.17.17.17.17.17.17	1 <del>-</del> I

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16		
Waste Removal Closure For Closed-loop Systems That Utilize Above Grounstructions: Please identify the facility or facilities for the disposal of liquids, are required.		facilities
Disposal Facility Name:	Disposal Facility Permit #:	
Disposal Facility Name:	Disposal Facility Permit #:	
Will any of the proposed closed-loop system operations and associated a  Yes (If yes, please provide the information No	activities occur on or in areas that will not be used for future s	
Required for impacted areas which will not be used for future service and open  Soil Backfill and Cover Design Specification - based upon the ap  Re-vegetation Plan - based upon the appropriate requirements of	ppropriate requirements of Subsection H of 19.15.17.13 NMA	.c
Site Reclamation Plan - based upon the appropraite requirements	s of Subsection G of 19.15.17.13 NMAC	
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 Instructions: Each siting criteria requires a demonstration of compliance in the closur certain siting criteria may require administrative approval from the appropriate distrifor consideration of approval. Justifications and/or demonstrations of equivalency are	e plan. Recommendations of acceptable source material are provided bel ct office or may be considered an exception which must be submitted to the	
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: D	Pata obtained from nearby wells	∐N/A
Ground water is between 50 and 100 feet below the bottom of the buries	d waste	Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; D	ata obtained from nearby wells	□N/A
Ground water is more than 100 feet below the bottom of the buried was:	te.	Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; D.	ata obtained from nearby wells	│
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other (measured from the ordinary high-water mark).	r significant watercourse or lakehed, 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 ch - Visual inspection (certification) of the proposed site; Aerial photo; satellit		Yes No
		Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that purposes, or within 1000 horizontal fee of any other fresh water well or spring,  NM Office of the State Engineer - iWATERS database; Visual inspection	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.  Written confirmation or verification from the municipality; Written approximation or verification from the municipality; Written approximation or verification from the municipality; Written approximation or verification from the municipality.	, , ,	Yes No
Within 500 feet of a wetland	yat obtained from the municipality	☐Yes ☐No
- US Fish and Wildlife Wetland Identification map; Topographic map; Vis	sual inspection (certification) of the proposed site	
Within the area overlying a subsurface mine.		Yes No
- Written confiramtion or verification or map from the NM EMNRD-Minir	ng and Mineral Division	
Within an unstable area.		Yes No
- Engineering measures incorporated into the design; NM Bureau of Geolog Topographic map	gy & Mineral Resources; USGS; NM Geological Society;	
Within a 100-year floodplain FEMA map		Yes No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: by a check mark in the box, that the documents are attached.	Each of the following items must bee attached to the closu	re plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the app	ropriate requirements of 19.15.17.10 NMAC	
Proof of Surface Owner Notice - based upon the appropriate requ	uirements 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 o	f a drying pad) - based upon the appropriate requirements of I	19.15.17.11 NMAC
Protocols and Procedures - based upon the appropriate requireme	ents of 19.15.17.13 NMAC	
Confirmation Sampling Plan (if applicable) - based upon the app	ropriate requirements of Subsection F of 19.15.17.13 NMAC	
Waste Material Sampling Plan - based upon the appropriate requ	irements of Subsection F of 19.15.17.13 NMAC	
Disposal Facility Name and Permit Number (for liquids, drilling		nnot be achieved)
Soil Cover Design - based upon the appropriate requirements of		
Re-vegetation Plan - based upon the appropriate requirements of Site Reclamation Plan - based upon the appropriate requirements		

19 Operator Application Certification:				
I hereby certify that the information submitted with this appli	cation is true, accura	ite and complete to the b	est of my knowledge and belief.	
Name (Print): Crystal Tafoya		Title:	Regulatory Technician	
Signature:	lona	Date:	12/22/2008	
e-mail address: crystal tatoya @conocophi	ligs.com	Telephone:	505-326-9837	
20 OCD Approval: Permit Application (including ele	osure plan)	Closure Plan (only)	OCD Conditions (see attachment)	
OCD Representative Signature:			Approval Date:	
Title:		OCD Permi	t Nnmber:	
Closure Report (required within 60 days of closure of Instructions: Operators are required to obtain an approved of report is required to be submitted to the division within 60 days approved closure plan has been obtained and the closure activities.	losure plan prior to it ys of the completion	implementing any closur of the closure activities, upleted.		
22				
Closure Method:  Waste Excavation and Removal On-site Consider of the following of the constant of the constan	Closure Method [	Alternative Closure N	Method Waste Removal (Closed-loop	p systems only)
23 Closure Report Regarding Waste Removal Closure For C Instructions: Please identify the facility or facilities for whe were utilized.				than two facilities
Disposal Facility Name:		Disposal Facility F	Permit Number:	
Disposal Facility Name:			Permit Number:	
Were the closed-loop system operations and associated ac	•		be used for future service and opeartions?	
Yes (If yes, please demonstrate complilane to the item		No		
Required for impacted areas which will not be used for full Site Reclamation (Photo Documentation)	ure service and oper	rations:		
Soil Backfilling and Cover Installation				
Re-vegetation Application Rates and Seeding Technic	lue			
Closure Report Attachment Checklist: Instructions the box, that the documents are attached.  Proof of Closure Notice (surface owner and divised proof of Deed Notice (required for on-site closured plot Plan (for on-site closures and temporary pitsed plot Plan (for on-site Closure Analytical Results (if appears and Permit Number plot Box Backfilling and Cover Installation plot Plot Plan (Photo Documentation)  On-site Closure Location: Latitude:	ion) e) olicable) pplicable)	Longitude:	hed to the closure report. Please indicate,  NAD  1927	by a check mark in
25				
Operator Closure Certification:				
I hereby certify that the information and attachments submitte the closure complies with all applicable closure requirements				d belief. I also certify that
Name (Print):		Title:		
Signature:		Date:		<del></del>
e-mail address:		Telephone:		

# New Mexico Office of the State Engineer POD Reports and Downloads

Town	ship: 31N	Range: 11W	Sections:							
NAD27	X:	Y:	Zone:		Search Radius:					
County:		Basin:			Number:	Suffix:				
Owner Name: (l	First)	. (	(Last) • All		○ Non-Domestic	O Domestic				
POD / Surface Data Report Avg Depth to Water Report  Water Column Report										
Clear Form iWATERS Menu Help										

# WATER COLUMN REPORT 12/16/2008

							3=SW 4=SE)					
(qu	arter	s are	e bi	gge	est	t to	smallest)			Depth	Depth	Wat€
POD Number	Tws		Sec	q	q	q	Zone	х	Y	Well	Water	Colum
SJ 02395	31N	11W		1	1	3				95	35	6
SJ 00560	31N	11W		2	4					39	25	1
SJ 01551	31N	11W	13	2	4					64	42	2
SJ 01729	31N	11W		2	4					48	28	2
SJ 01640	31N	11W	13	2	4					32	7	2
SJ 01539	31N	11W	13	3						52	30	2
SJ 01541	31N	11W	13	3						52	30	2
SJ 00946	31N	11W	13	3	3					135	100	3
SJ 01879	31N	11W	13	4						26	8	1
SJ 01540	31N	11W	13	4						52	30	2
SJ 01801	31N	11W		4						22	15	
SJ 03412	31N	11W		4	2					60		
SJ 03413	31N	11W		4	2					60		
SJ 03736 POD1	31N	11W		4	_	1				19	6	1
SJ 02495	31N	11W		4	-	1				28	12	1
SJ 03623	31N	11W		4	_	1				30	16	1
SJ 03264	31N	11W		4	2	2				20	11	
SJ 03125	31N	11W		4	2	4				20	5	1
SJ 03124	31N	11W		4	2	4				20	5	1
SJ 03712 POD1	31N	11W		4	3	1				19	11	
SJ 03670	31N	11W	13	4	3	4				26	10	1
SJ 03018	31N	11W	13	4	3	4				20	8	1
SJ 01767	31N	11W	13	4	4					42	18	2
SJ 01699	31N	11W	13	4	4					42	12	3
SJ 01609	31N	11W	13	4	4					40	18	2
SJ 01730	31N	11W	13	4	4					40	24	1
SJ 01537	31N	11W		4	4					52	28	2
SJ 02149	31N	11W	13	4	4					35		

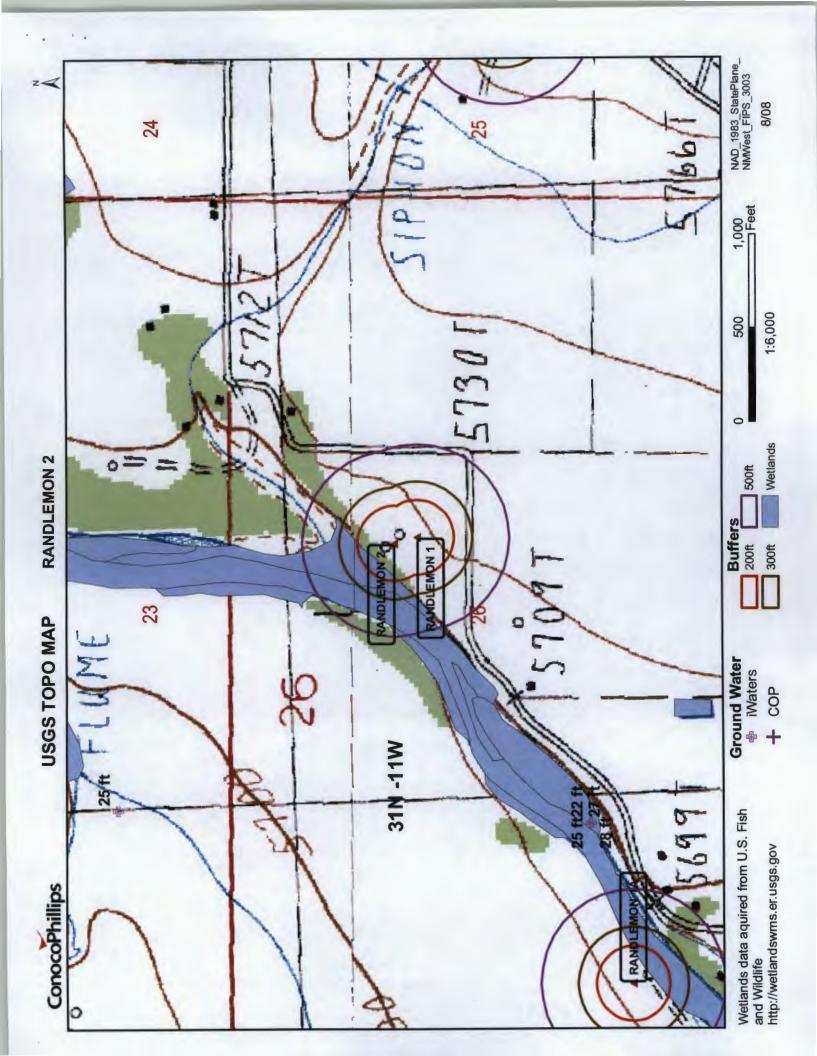
SJ 01542	31N	11W 13	4 4						_
SJ 01645	31N	11W 13	4 4				22	6	1
SJ 01644	31N	11W 13	4 4				23	6	1
SJ 01731	31N	11W 13	4 4				43	25	1
SJ 01683	31N	11W 13	4 4				45	25	2
SJ 01538	31N	11W 13	4 4				52	30	2
SJ 01663	31N	11W 13	4 4				45	25	2
SJ 02093	31N	11W 13	4 4	W	470700	2143800	40	20	2
SJ 03440	31N	11W 13	4 4 1				20	6	1
SJ 03085	31N	11W 13	4 4 2				18	8	1
SJ 03084	31N	11W 13	4 4 2				19	11	
SJ 03064	31N	11W 13	4 4 3				45		
SJ 02801	31N	11W 13	4 4 3				36	5	3
SJ 02838	31N	11W 13	4 4 4				38	10	2
SJ 02855	31N	11W 13	4 4 4				31		
SJ 01142	31N	11W 13	4 4 4				30	8	2
SJ 02289	31N	11W 13	4 4 4				45	16	2
SJ 01173	31N	11W 13	4 4 4				46	28	1
SJ 03458	31N	11W 19	3 3 4				140		
SJ 02978	31N	11W 23	2 1 3				800		
SJ 02129	31N	11W 23	2 4				72	35	3
SJ 01817	31N	11W 23	2 4				65	20	۷
SJ 02161	31N	11W 23	3 4				40	25	1
SJ 01600	31N	11W 24	1				30	6	2
SJ 02124	31N	11W 24	1 1				55	40	1
SJ 03755 POD1	31N	11W 24	1 4		269112	2142037	27	7	2
SJ 03695 POD1	31N	11W 24	1 4 2		205112	211200,	25	13	1
SJ 03695 POD	31N	11W 24	1 4 2				25	13	1
SJ 03696	31N	11W 24	1 4 2				24	12	1
SJ 03695	31N	11W 24	1 4 2				25	13	1
SJ 03696 POD1	31N	11W 24	1 4 2				24	12	1
SJ 01559	31N	11W 24	2				50	27	2
SJ 01375	31N	11W 24	2 2				30	11	1
SJ 01744	31N	11W 24	2 2				44	20	2
SJ 01986 S	31N	11W 24	2 2 2				45	30	1
SJ 01986	31N	11W 24	2 2 2				38	21	1
SJ 00555	31N	11W 24	2 2 4				60	19	4
SJ 03408	31N	11W 24	2 3 1				26	11	1
	31N	11W 24	2 3 2				33	15	1
SJ 02924 SJ 02928	31N	11W 24	2 3 2				70	13	-
SJ 03650	31N	11W 24	2 3 2				32	15	1
SJ 02888	31N	11W 24	2 3 3				65	13	,
SJ 02846	31N	11W 24	2 3 3				45	18	2
SJ 03844 POD1	31N	11W 24	2 3 3		269186	2141198	40	10	2
SJ 03845 POD1	31N	11W 24	2 3 4		269233	2141379	40		
SJ 00555 X	31N	11W 24	2 4		200200	21410/0	58	39	1
SJ 02839	31N	11W 24	2 4 1				55	19	
SJ 03707 POD1	31N	11W 24	2 4 1				60	40	3 2
SJ 02758	31N	11W 24	2 4 2				69	51	1
SJ 02791	31N	11W 24	2 4 2				74	54	
SJ 00365	31N	11W 24	2 4 4				71	40	-
SJ 00379	31N	11W 24	2 4 4				65	40	2 3 2
SJ 01670	31N	11W 24 11W 24	3				45	27	1
	31N 31N						45 38		3
SJ 00287		11W 24	3 2 4 3 4					6 35	2
SJ 01553	31N	11W 24					44		_
SJ 02171	31N	11W 24	3 4 3				45	25 11	2
SJ 01366	31N	11W 24	4 1				30	11	1
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SJ 02984	31N	11W 27		1		20		
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SJ 01884	31N	11W 30		3		71	30	Ļ
SJ 01739	31N	11W 30		4		98	30	$\epsilon$
SJ 01154	31N	11W 30		4		190	150	4
SJ 01834	31N	11W 30		4		103	30	7
SJ 01797	31N	11W 30	4 4	-		100	40	(
SJ 01396	31N	11W 30	4 4 1	1		80	57	
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SJ 02993	31N	11W 31	4 3 2	2		280	160	12
SJ 02994	31N	11W 33	4 3 2			300	200	10
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SJ 01768	31N	11W 34	2 2				20	6	1
SJ 03172		11W 34	2 2					7	
	31N						19		1
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				_					

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SJ 00939	31N	11W 35	3			60	30	3
SJ 00940	31N	11W 35	3 1			64	15	4
SJ 01580	31N	11W 35	3 1	1		65	30	3
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Record Count: 231





Data Source Aerial flown bcally Sedgewick in 2005.

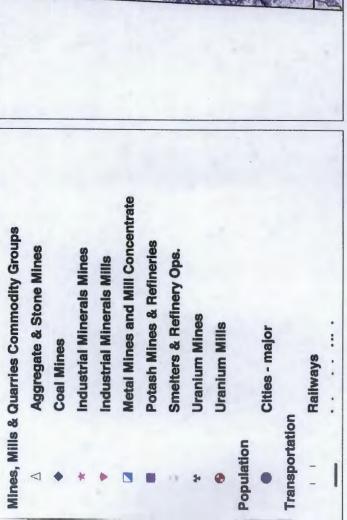
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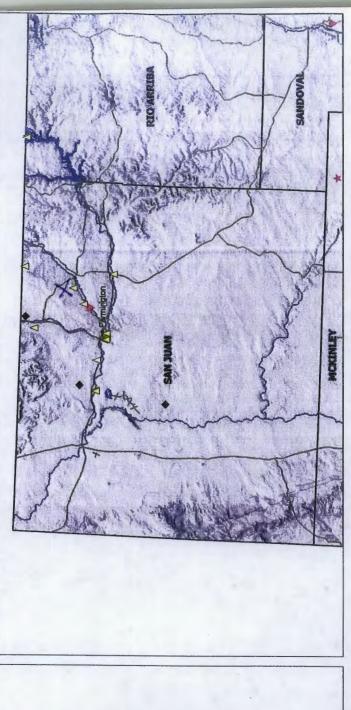
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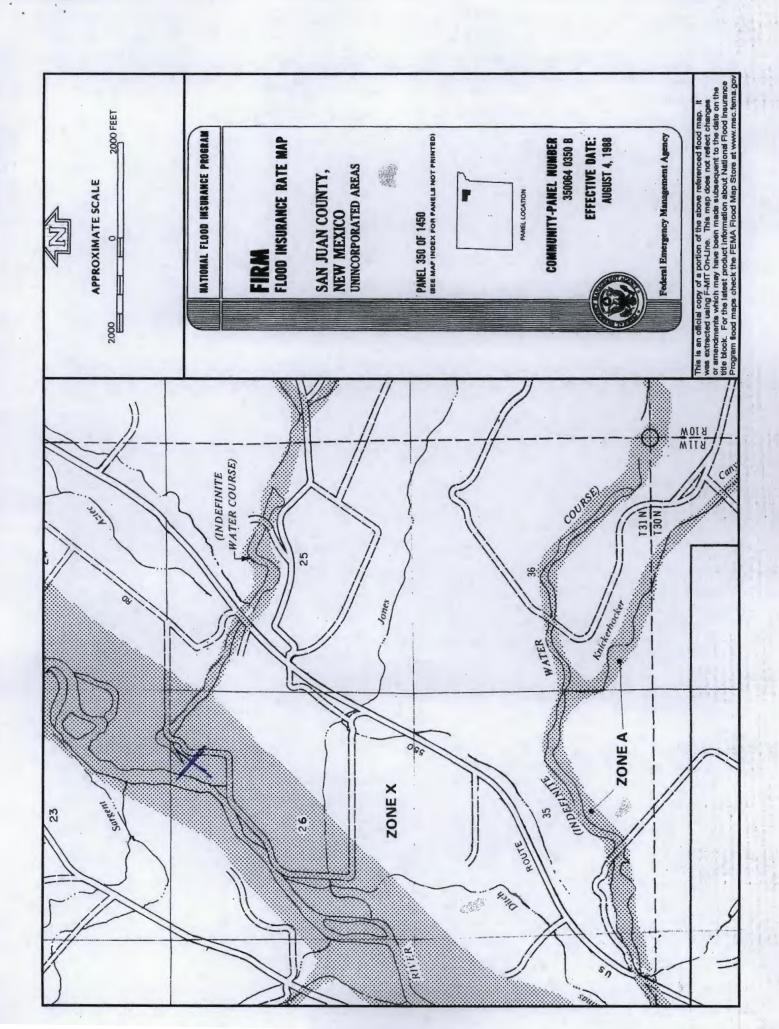
NAD\_1983\_SP\_ NM West\_FIPS\_3003 8/08

# MMQonline Public Version Map





SCALE 1: 1,390,924



# **RANDLEMON 2**

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'RANDLEMON 2', which is located at 36.87434 degree, North latitude and 107.95703 degree, West longitude. This location is located on the Aztec 7.5' USGS topographic quadrangle. This location is in section 26 of Township 31 North Range 11 West of the Public Land Survey System (New Mexico Principal Meridian). This location is located in San Juan County, New Mexico. The nearest town is Aztec, located 4.2 miles to the southwest. The nearest large town (population greater than 10,000) is Farmington, located 16.9 miles to the southwest (National Atlas). The nearest highway is US Highway 550, located 0.6 miles to the southeast. The location is on Private land and is 2,052 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Animas. Colorado, New Mexico, Subbasin. This location is located 1751 meters or 5743 feet above sea level and receives 11 inches of rain each year. The vegetation at this location is classified as Agriculture as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 44 feet. This estimation is based on the data published on the New Mexico Engineer's iWaters Database website and water depth data from ConocoPhillips' Cathodic wells. Groundwater data available from the NM State Engineer's iWaters Database for wells near the proposed site are attached. The nearest stream is 426 feet to the northwest and is classified by the USGS as an intermittent stream. The nearest perennial stream is 492 feet to the northwest. The nearest water body is 1,857 feet to the southwest. It is classified by the USGS as a perennial lake and is 0.3 acres in size. The nearest spring is 16,462 feet to the north. All stream, river, water body and spring information was determined as per the USGS Hydrographic Dataset (High Resolution), downloaded 3/2008. The nearest water well is 43 feet to the southwest. The nearest wetland is a 1.2 acre Freshwater Forested/Shrub Wetland located 269 feet to the northwest. The slope at this location is 1 degree, to the northwest as calculated from USGS 30M National Elevation Dataset. This information is also discerned from the aerial and topographic map included. The surface geology at this location is MODERN ALLUVIUM--Includes Piney Creek Alluvium and younger deposits with a Quaternary age younger alluvium and surficial deposits substrate. The soil at this location is 'Turley clay loam, 1 to 3 percent slopes' and is well drained and not hydric with slight erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 7.1 miles to the northeast as indicated on the Mines. Mills and Quarries Map of New Mexico provided.

# Regional Geological context:

Quaternary and recent deposits in the San Juan Basin include stream-deposited alluvium and older terrace deposits, landslide deposits, and Aeolian sand. Most Quaternary and younger deposits area unconsolidated and form a thin covering over older bedrock sediments.

Stream-deposited alluvium and older terrace deposits are associated with major streams and rivers in the San Juan Basin. The alluvium consists of unconsolidated sediments that range from silt to cobbles in size but predominantly are sand and gravel. Along major streams the alluvium is varied in composition, depending on the mix of material from the various erosional source areas and fluvialy-driven sorting. Alluvial deposits also occur as a thin veneer of fine-grained sediments in the valleys of intermittent streams. Landslide deposits are mapped on the northeastern flank of the Chuska Mountains and locally in the San Juan Mountains. These colluvial deposits consist of material derived from the topographically higher source areas. The landslide material on the flank of Chuska Mountains consists of reworked sand from the Chuska Sandstone; the deposits in the San Juan Mountains primarily are derived from volcanic or volcaniclastic sources.

Unconsolidated wind-blown deposits are common in the central part of the basin, although they generally are not mapped on small scale geologic maps. Typically, these deposits are very thin, but local dunes near dry washes, which are excellent sources of fine-grained material, may reach heights of 20 feet. These recent Aeolian deposits are not known to yield water to wells.

# **Hydraulic Properties:**

In the absence of other sources of water, alluvial deposits, where present, are commonly relied upon as a source of water for domestic and livestock use. Along the major rivers and streams, wells are of conventional vertical design, whereas in the valleys of intermittent streams, where the hydraulic conductivities and saturated thickness are generally small, most wells are constructed as galleries of horizontal drains feeding to a central collector. Reported well yields range from less than 1 gallon per minute to as much as 1,100 gallons per minute. The median yield of 48 wells is 15 gallons per minute. Hydraulic conductivities of sand and gravel can vary from 10 to 1,000,000 gallons per day per foot squared (roughly 1 to 100,000 feet per day) (Freeze and Cherry, 1979, table 2.2.) but a more typical range is from 15 feet per day for fine sand to about 1,000 feet per day for coarse gravel (Lohman, 1972, table 17). Tests along the San Juan River upstream from Farmington indicate that the hydraulic conductivity of alluvium ranges from 0.006 to 220 feet per day (Peter et al, 1987, p. 29). The thickness of alluvium at this site was reported to range from about 14 to 61 feet, and the saturated thickness was less than 25 feet in all 13 test holes. Water occurs in the alluvium under unconfined conditions. No tests have been made where the storage coefficient of the alluvium was determined. However, a typical specific yield for moderate to well-sorted unconsolidated sediments would be in the range of 0.1 to 0.25.

No known hydraulic data exists for the landslide and recent Aeolian deposits in the basin. No instances are known where these deposits are used as a source of water.

### References:

Freeze, R.A., and Cherry, J.A., 1979, Groundwater: Englewood cliffs, N.J., Prentice-Hall, Inc., 604 p. Lohman, S.W., 1972, Ground-water hydraulics: U.S.G.S. Professional Paper 708, 70 p. Peter, K.D., Williams, R.A., and King, K.W., 1987, Hydrogeologic characteristics of the Lee Acres landfill area, San Juan County, New Mexico: U.S.G.S. Water Resources Investigations Report 87-4246, 69 p.

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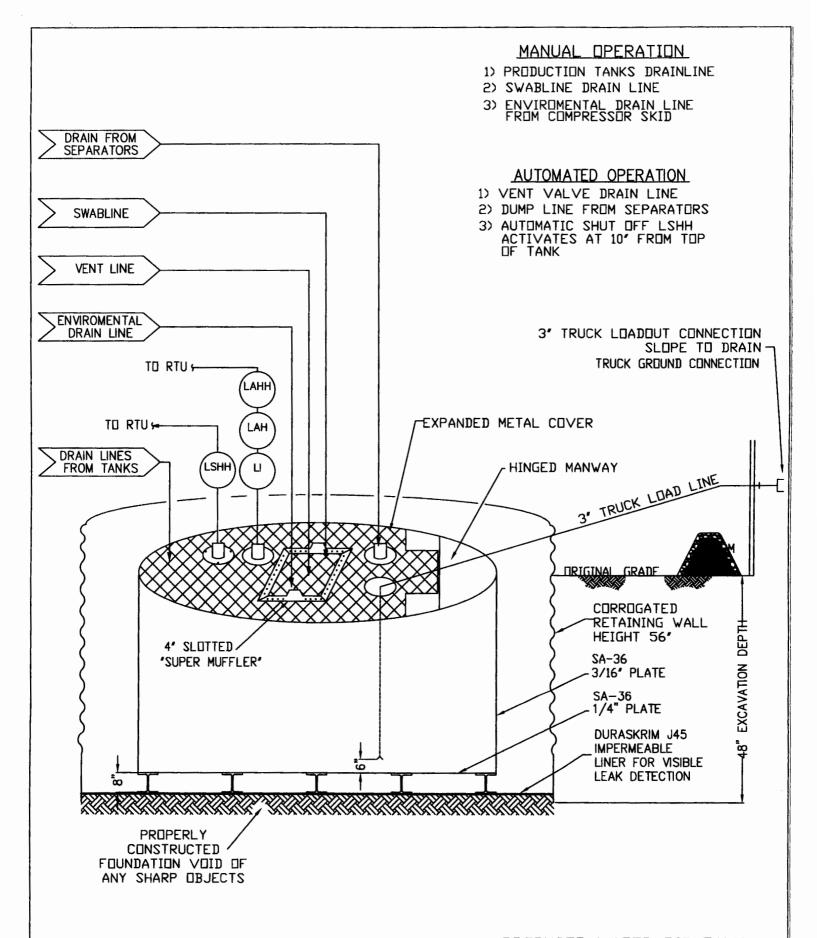
# Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Design and Construction

In accordance with NMAC 19.15.17 the following information describes the design and construction of below grade tanks on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all below grade tanks (BGT). A separate plan will be submitted for any BGT which does not conform to this plan.

### General Plan:

- BR will design and construct a properly sized and approved BGT which will
  contain liquids and should prevent contamination of fresh water to protect the
  public health and environment.
- 2. BR signage will comply with 19.15.3.103 NMAC when BR is the operator. If BR is not the operator it will comply with 19.15.17.11NMAC. BR includes Emergency Contact information on all signage.
- 3. BR has approval to use alternative fencing that provides better protection. BR constructs fencing around the BGT using 4 foot hog wire fencing topped with two strands of barbed wire, or with a pipe top rail. A six foot chain link fence topped with three strands of barbed wire will be use if the well location is within 1000 feet of permanent residence, school, hospital, institution or church. BR ensures that all gates associated with the fence are closed and locked when responsible personnel are not onsite.
- 4. BR will construct a screened, expanded metal covering, on the top of the BGT.
- 5. BR shall ensure that a below-grade tank is constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight as shown on design drawing and specification sheet.
- The BR below-grade tank system shall have a properly constructed foundation consisting of a level base free of rocks, debris, sharp edges or irregularities to prevent punctures, cracks or indentations of the liner or tank bottom as shown on design drawing.
- 7. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a belowgrade tank to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 8. BR will construct and use a below-grade tank that does not have double walls. The below-grade tank's side walls will be open for visual inspection for leaks, the below-grade tank's bottom is elevated a minimum of six inches above the underlying ground surface and the below-grade tank is underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected.

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



# ConocoPhillips

San Juan Business Unit

PRODUCED WATER PIT TANK
OPEN TOP GRAVITY FLOW TANK
INTERNALLY COATED WITH
12-14 MILS AMERON AMERCOAT 385

# DURA-SKRIM®

# 130, 136 & 145

PROPERTIES	TEST METHOD	J30BB		J36BB		J45BB	
		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages
Appearance		Black/Black		Black/Black		Black/Black	
Thickness	ASTM D 5199	27 mil	30 mil	32 mil	36 mil	40 mil	45 mil
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs (18.14)	140 lbs (20.16)	151 lbs (21.74)	168 lbs (24.19)	189 lbs (27.21)	210 lbs (30.24)
Construction		**Extrusion laminated with encapsulated tri-directional scrim reinforcement					
Ply Adhesion	ASTM D 413	16 lbs	20 lbs	19 lbs	24 lbs	25 lbs	31 lbs
1" Tenstle Strength	ASTM D 7003	88 lbf MD 63 lbf DD	110 lbf MD 79 lbf DD	90 lbf MD 70 lbf DD	113 lbf MD 87 lbf DD	110 lbf MD 84 lbf DD	138 lbf MD 105 lbf DD
1" Tensile Elongation @ Break, % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD
1" Tensile Elongation @ Peak % (Scrim Break)	ASTM D 7003	20 MD 20 DD	33 MD 33 DD	20 MD 20 DD	30 MD 31DD	20 MD 20 DD	36 MD 36 DD
Tongue Tear Strength	ASTM D 5884	75 lbf MD 75 lbf DD	97 lbf MD 90 lbf DD	75 lbf MD 75 lbf DD	104 lbf MD 92 lbf DD	100 lbf MD 100 lbf DD	117 lbf MD 118 lbf DD
Grab Tensile	ASTM D 7004	180 lbf MD 180 lbf DD	218 lbf MD 210 lbf DD	180 lbf MD 180 lbf DD	222 lbf MD 223 lbf DD	220 lbf MD 220 lbf DD	257 lbf MD 258 lbf DD
Trapezoid Tear	ASTM D 4533	120 lbf MD 120 lbf DD	146 lbf MD 141 lbf DD	130 lbf MD 130 lbf DD	189 lbf MD 172 lbf DD	160 lbf MD 160 lbf DD	193 lbf MD 191 lbf DD
* Dimensional Stability	ASTM D 1204	<1	<0.5	<1	<0.5	<1	<0.5
Puncture Resistance	ASTM D 4833	50 lbf	64 lbf	65 lbf	83 lbf	80 lbf	99 lbf
Maximum Use Temperature		180° F	180° F	180° F	180° F	180° F	180° F
Minimum Use Temperature		-70° F	-70° F	-70° F	-70° F	-70° F	-70° F

MD = Machine Direction
DD = Diagonal Directions



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

\*Dimensional Stability Maximum Value

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

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

PLANT LOCATION

Sioux Falls, South Dakota

**SALES OFFICE** 

P.O. Box 5107 Sioux Falls, SD 57117-5107 (605) 335-0174

(605) 331-0333 FAX

800-635-3456



# RAVEN INDUSTRIES INC. EXPOSED GEOMEMBRANE LIMITED WARRANTY

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

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

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

Any claim for any alleged breach of this warranty must be made in writing, by certified mail, to the General Manager of Engineered Films Division of Raven Industries Inc. within ten (10) days of becoming aware of the alleged defect. Should the required notice not be given, the defect and all warranties are waived by the Purchaser, and Purchaser shall not have any rights under this warranty. Raven Industries Inc. shall not be obligated to perform repairs or replacements under this warranty unless and until the area to be repaired or replaced is clean, dry, and unencumbered. This includes, but is not limited to, the area made available for repair and/or replacement of Raven geomembrane to be free from all water, dirt, sludge, residuals and liquids of any kind. If after inspection it is determined that there is no claim under this Limited Warranty, Purchaser shall reimburse Raven Industries Inc. for its costs associated with the site inspection.

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

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

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

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

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

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

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

### General Plan:

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

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

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

### General Requirements:

- 1. BR shall close a below-grade tank within the time periods provided in Subsection A of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) permitted below-grade tanks within 60 days of cessation of the below-grade tank's operation., or c) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, BR will file the C144 Closure Report as required.
- 2. BR shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.
- 3. BR will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves. Documentation of how the below-grade tank was disposed of or recycled will be provided in the closure report.
- 4. If there is any on-site equipment associated with a below-grade tank, then BR shall remove the equipment, unless the equipment is required for some other purpose.
- 5. BR shall test the soils beneath the below-grade tank to determine whether a release has occurred. BR shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyze for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 100 mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. BR shall notify the division of its results on form C-141.
- 6. If BR or the division determines that a release has occurred, then BR shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

- 7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, then BR shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.
- 8. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email or verbally. The notification of closure will include the following:
  - i. Operator's name
  - Location by Unit Letter, Section, Township, and Range. Well name and API number.
- 9. The surface owner shall be notified of BR's closing of the below-grade tank prior to closure as per the approved closure plan via certified mail, return receipt requested.
- 10. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
- 11. BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will used on federally jurisdicted lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. BR will repeat seeding or planting will be continued until successful vegetative growth occurs.
- 12. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.
- 13. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the belowgrade tank. Closure report will be filed on C-144 and incorporate the following:
  - Soil Backfilling and Cover Installation
  - Re-vegetation application rates and seeding techniques
  - Photo documentation of the site reclamation
  - Confirmation Sampling Results
  - · Proof of closure notice

# **Burlington Resources /Conoco Phillips BGT REGISTRATION**

✓ Signed C-144 (Page 5 of C-144)			
✓ Site Specific Hydrogeology			
19.15.17.10 NMAC SITTING REQUIREMENTS			
<ul> <li>✓ New Mexico Office of State Engineer attachment</li> <li>✓ USGS TOPO map</li> <li>✓ Aerial Map</li> <li>✓ Mines, Mills and Quarries Map</li> <li>✓ FIRM map (flood insurance rate map from Federal Emergency Agency)</li> </ul>			
19.15.17.11 NMAC DESIGN PLAN CONTENTS			
✓ Below Grade Tank Design and Construction Plan			
19.15.17.12 NMAC OPERATING AND MAINTENCE PLAN			
19.15.17.13 NMAC CLOSURE PLAN			
✓ Below Grade Tank Closure Plan			
REGISTRATION DATE:			
09/30/2015			
NOTES:			