District I 1625 N. French Dr., Hobbs, NM 88240	State of N	lew Mexico	Form C-144
District I 1301 W REGI	STERED	t Division	For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.
District II 1000 Rio District IV	Santa Fe,	NM 87505	For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the antropriate NMOCD District Office
1220 S. St. Francis Dr., Santa Fe, NM 87505	Pit Closed Loop Sug	tem Below Grad	a Tank or
Propo	sed Alternative Method	Permit or Closu	re Plan Application
Turna of action:	<b>V</b> Permit of a nit closed loo	n system halow grade	tank or pronosed alternative method
Type of action.	Closure of a pit, closed-loo	op system, below-grade	tank, or proposed alternative method
	Modification to an existing	g permit	
	Closure plan only submitte	ed for an existing permi	itted or non-permitted pit, closed-loop system,
	below-grade tank, or prop	osed alternative method	
Instructions: Please submit one Please be advised that approval	of this request does not relieve the operato	<b>naiviaual pit, closea-lo</b> r of liability should operations	op system, below-grade tank or atternative request
environment. Nor does approval re	lieve the operator of its responsibility to co	omply with any other applicable	e governmental authority's rules, regulations or ordinances.
Decrator: Burlington Resources C	Dil & Gas Company, LP		OGRID#: 14538
Address: PO Box 4289, Farming	ion, NM 87499		
Facility or well name: SAN JUAN	27-4 UNIT 37N		
API Number:	3003929375	OCD Permit Numbe	er:
U/L or Qtr/Qtr: <u>M</u> Sect	ion: <u>33</u> Township: <u>2</u>	7N Range:	4W County: Rio Arriba
Center of Proposed Design: Latitud	ie: 36.52579°N	Longitude:	-107.26371°W NAD: X 1927 1983
Surface Owner: X Federal	State Private	I ribal I rust or India	n Allotment
Pit:       Subsection F or G of 19.15.         Temporary:       Drilling       Word         Permanent       Emergency       Image: Compare the section of the secti	17.11 NMAC prkover Cavitation P&A .iner type: Thickness Factory Other	mil LLDPE	HDPE         PVC         Other            bbl         Dimensions         L         x W         x D
3       Closed-loop System:       Subset         Type of Operation:       P&A       P&A         1       Drying Pad       Above Groot         1       Lined       Unlined       Lined         Liner Seams:       Welded       D	tion H of 19.15.17.11 NMAC Drilling a new well Worko notice und Steel Tanks Haul-off Bin her type: Thickness Factory Other	over or Drilling (Applies to of intent) ns Other mil LLDPE ]	o activities which require prior approval of a permit or
4       X       Below-grade tank:       Subsection         Volume:       120         Tank Construction material:	I of 19.15.17.11 NMAC bbl Type of fluid: <u>Produ</u> <u>Metal</u> detection X Visible sidewall Visible sidewalls only [ milHDPE	ced Water s, liner, 6-inch lift and aut Other PVC XOther	omatic overflow shut-off U <b>nspecified</b>
5 Alternative Method: Submittal of an exception request is r	equired. Exceptions must be submi	tted to the Santa Fe Enviro	onmental Bureau office for consideration of approval.
Form C-144	Oil Co	onservation Division	Page 1 of 5

6 <b>Fencing:</b> 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						
A signed in comphance with 19.15.5.105 NMAC						
9 Administrative Approvals and Exceptions:						
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.						
Please check a box if one or more of the following is requested, if not leave blank:		[				
X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for con (Fencing/BGT Liner)	sideration of a	pproval.				
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.						
10						
Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.						
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes	XNo				
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Yes	XNo				
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	XNo				
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	NA					
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image						
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	No				
(Applied to permanent pits)	XNA					
- 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	X 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 varification from the municipality. Written confirmation or varification from the municipality.	Yes	XNo				
<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	XNo				
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes	XNo				
Within an unstable area.	Yes	X No				
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map						
Within a 100-year floodplain - FEMA map	Yes	XNo				

Injudrgeshipic Report (Blowgrade Tanks) - has all on the experiments of Paragraph (2) of Subsection B of 19.15.17.9           Injudrgeshipic Report (Blowgrade Tanks) - has all open the experiments of Paragraph (2) of Subsection B of 19.15.17.9           String Chertar Complete: Denomestations - hosed upon the experiments of Paragraph (2) of Subsection B of 19.15.17.9           String Chertar Chergester generations (2) 10.17.11           Perivation A duminicator Binary Denomination - hosed upon the appropriate requirements of Paragraph (2) of Subsection C of 19.15.17.13           Previously Approved Design (Link) - binary (1) is 10.00           Previously Approved Design (Link) - binary (1) is 10.00           Caboly and Munichance Plan.           Machine Design (Link).           Caboly and Munichance Plan.           Machine Design (Link).           Machine Design (Link).           Machine Design (Link).           Caboly and Munichance Plan.           Machine Design (Link).           Machine Design (Link).           Machine Desis (Link).           Machin	Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the ambigation. Planes indicate how deadles to the advected by the section of the following items must be attached to the ambigation.
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Design Plan - based upon the appropriate requirements of 19 15 71 11 NNAC           Operating and Maintennee Plan - based upon the appropriate requirements of 19 15 71 12 NNAC           Operating and Maintennee Plan - based upon the appropriate requirements of 19 15 71 12 NNAC           Operating and Maintennee Plan - based upon the appropriate requirements of 19 15 71 12 NNAC           Operating and Maintennee Plan - based upon the appropriate requirements of 19 15 71 12 NNAC           Operating and Maintennee Plan - based upon the appropriate requirements of 19 15 71 00 NMAC           Operating and Maintennee Plan - based upon the appropriate requirements of 19 15 71 00 NMAC           Operating and Maintennee Plan - based upon the appropriate requirements of 19 15 71 00 NMAC           Operating and Maintennee Plan - based upon the appropriate requirements of 19 15 71 10 NMAC           Operating and Maintennee Plan - based upon the appropriate requirements of 19 15 71 12 NMAC           Operating and Maintennee Plan - based upon the appropriate requirements of 19 15 71 12 NMAC           Operating and Maintennee Plan - based upon the appropriate requirements of 19 15 71 12 NMAC           Operating and Maintennee Plan - based upon the appropriate requirements of 19 15 71 10 NMAC           Previously Approved Design (attach copy of design)         API           Previously Approved Design (attach copy of design)         API           Previously Approved Design (attach copy of design)         API           Previously Approved Design (attach copy of design) </th <th>X Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 10.15.17.10 NIMAC</th>	X Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 10.15.17.10 NIMAC
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Previously Approved Design (attach copy of design) API or Permit Class-Choose Systems Permit Application Attachment Checklist; Subsection B of 19,15,17,9 NAAC Class-Choose Systems Permit Application Attachment Checklist; Subsection B of Paring Ph. (3) of Subsection B of 19,15,17,19 Subsection B of Paring Parint Application (Paring Parint Checklist; Subsection B of Paring Ph. (3) of Subsection B of 19,15,17,19 Class-Choose Application Checklist; Subsection B of 19,15,17,12 NMAC Classics Parint Checklist; Subsection B of 19,15,17,11 NMAC Classics Parint Checklist; Subsection B of 19,15,17,19 NMAC and 19,15,17,13 NMAC Previously Approved Design (attach copy of design) Previously Approved Design (attach copy of design) API Previously Approved Design (attach approprint requi	19.15.17.9 NMAC and 19.15.17.13 NMAC
12         Tabend-Joop Systems Permit Application Attachment Checklist; Subsection B of 19.15.17.9 NMAC         Instructions: Each of the following times must be attached as the upper private requirements of Paragraph (3) of Subsection B of 19.15.17.9         Instructions: Each of the following times must be attached as the upper private 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 19.15.17.2 NMAC         Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.2 NMAC         Instructions: Plan (Plasse complete Bows I d through 18, if appleable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC         Instructions: Each of the following items must be attached to the appleciation. Plass in the bas: that the bas: that the documents are attached.         Hydrogeologic Report - based upon the appropriate requirements of 19.15.17.1 NMAC         Instruction: Each of the following items must be attached to the appleciation. Plass in the bas: that the documents are attached.         Hydrogeologic Report - based upon the appropriate requirements of 19.15.17.1 NMAC         Cething Continue Demonstrations - based upon the appropriate requirements of 19.15.17.1 NMAC         Dike Protection and Structurul Integrity Design attached to the appropriate requirements of 19.15.17.1 NMAC         Link Structure and Nationance Plans       Distructure requirements of 19.15.17.1 NMAC         Dike Protoctio	Previously Approved Design (attach copy of design) API or Permit
Image Chief a Computation Science of the appropriate requirements of 19:15:17:10 NMAC         Design Plane - based upon the appropriate requirements of 19:15:17:11 NMAC         Closure Plan (Plase complete Boxs 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19:15:17:9         NMAC and 19:15:17:31 NMAC         Previously Approved Design (attach copy of design)       API         Intertaction:: Each of the following item mate be attached to the appropriate requirements of 19:15:17:1 NMAC         Intertaction:: Each of the following item is mate be attached to the appropriate requirements of 19:15:17:1 NMAC         Citize Compliance Demonstrations - based upon the appropriate requirements of 19:15:17:11 NMAC         Inter Specifications and Structural Intergrity Design: based upon the appropriate requirements	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 Silver Original Constitution (additional constraints) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
Design Pain - Roseu upon the appropriate requirements of 19.15.17.11 NMAC     Deparating 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     MAC and 19.15.17.13 NMAC     Previously Approved Design ratach cony of design) API     Previously Approved Design ratach cony of design:     Subsection B of 19.15.17.9 NMAC     Instructions: Each of the following items must be attached to the appropriate requirements of 19.15.17.9 NMAC     Stitug Critical Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.11 NMAC     Dake Protection Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC     Dake Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC     Dake Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC     Dake Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC     Dake Protection and Maintenance Plan - based upon the appropriate requirements of 19.15.17.11 NMAC     Dake Protection and Maintenance Plan - based upon the appropriate requirements of 19.15.17.11 NMAC     Dake Protection Plan - based upon the appropriate requirements of 19.15.17.11 NMAC     Dake Protection Plan - based upon the appropriate requirements of 19.15.17.11 NMAC     Data Protection Plan - based upon the appropriate requirements of 19.15.17.11 NMAC     Data Protecol Structure Maintenance Plan - based upon the appropriate requi	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
Closure Plan (Please complete Boxs 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9         NMAC and 19.15.7.13 NMAC         Previously Approved Design (attach copy of design)       API         Previously Approved Design (attach copy of design)       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.         Hydrogoogic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.10 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         Linax Obecciton 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         Nusiance or Hazardus Odors, including H2S, Prevention Plan         Emergency Response Plan       Obit Provide Plan         Operating and Maintenance, Boses 14 through 18, in regards to the proportate requirements of 19.15.17.13 NMAC         Instructions: Places complet the appropriate requirements of Subsection C of 19.15.17.13 NMAC         Proposed Closure Plan - bas	Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
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Previously Approved Operating and Maintenance Plan       API         11       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 19.15.17.10 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         Lack Detection and Structural Integrity 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         Preboard and Overtoping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC         Divisance or Hazardous Odors, including H2S. Prevention Plan         Energency Response Plan         Clower Plan - based upon the appropriate requirements of 19.15.17.9 NMAC and 19.15.17.13 NMAC         Proposed Closure?         Otli Field Waste Stream Characterization         Monitoring and Inspection Plan         Energency Han         Closure Plan - based upon the appropriate requirements of use propo	Previously Approved Design (attach copy of design) API
13         Permanent Pits Permit Application Checklist:       Subsection B of 19.15.17.9 NMAC         Instructions: Each of the following item: 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            Cimitatogical Factors Assessment	Previously Approved Operating and Maintenance Plan API
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Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.10 NMAC         Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC         Cirimatological Factors Assessment         Dike Protection and Structural Integrity Design: 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 19.15.17.11 NMAC         Musiance or Hazardous Odors, including H2S, Prevention Plan         Energiency Response Plan         Oil Field Waste Stream Characterization         Monitoring and Inspection Plan         Erroposed Closure:       19.15.17.13 NMAC         Instructions: Pleas complete the applicable bases. Bases 14 through 18, in regards to the proposed closure plan.         Type:       Diffing Workover	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.
Siling Critéria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC         Citimatological 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         Quality Control/Quality Assurance Construction and Installation Plan         Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.11 NMAC         Prebeoard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC         Prebeoard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC         Monitoring and Inspection Plan         Errosion Control Plan         Closure Plan - based upon the appropriate requirements of 19.15.17.13 NMAC         Instructions: Plane - based upon the appropriate requirements of 19.15.17.13 NMAC         Instructions: Plane - based upon the appropriate requirements of 19.15.17.13 NMAC         Instructions: Plane - based upon the appropriate requirements of 19.15.17.13 NMAC         Instructions: Plane - based upon the appropriate requirements of 19.15.17.13 NMAC         Instructions: Plane - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC         Instructions: Plane - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC </td <td>Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.9 NMAC</td>	Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.9 NMAC
Citratological Factors Assessment     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 ControlQuality Assurance Construction and Installation Plan     Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.11 NMAC     Preboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC     Nusiance or Hazarduso 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     Instructions: Plans - based upon the appropriate requirements of subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC     Instructions: Plans - based upon the appropriate requirements of the proposed closure plan.     Type:      Drilling    Workover    Cavitation    P&A	Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 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 Lack Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenace Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odos, including H2S. Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odos, including H2S. Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Stream Plan - based upon the appropriate requirements of 19.15.17.13 NMAC InstructionS: Plans dupon the appropriate requirements of 19.15.17.9 NMAC and 19.15.17.13 NMAC InstructionS: Plans complete the applicable bases, Bazes 14 through 18, in regards to the proposed closure plan. Type: Dulling Workover Emergency Cavitation PlaA Permanent Pit Below-grade Tank Closed-loop System Alternative Proposed Closure Method: Closure Method (Closer Ology systems only) Dotsite Closure Method (Interprint) plans and closed-loop systems) Closure Method (Lexceptions must be submitted to the Santa Fe Environmental Bureau for consideration)  15 Waste Excavation and Removal Closure Plan Checklist; (19.15.17.13 NMAC) Social and Procedures - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Sconfirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Sconfirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Sconfirmation Sampling Plan (if applicabl	Climatological Factors Assessment
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         Preeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC         Nuisance or Hazardous Odors, including H2S. Prevention Plan         Encision Control Plan         Closure Plan - based upon the appropriate requirements of 19.15.17.13 NMAC         Instructions: Plan - based upon the appropriate requirements of 19.15.17.13 NMAC         Instructions: Plan - based upon the appropriate requirements of 19.15.17.13 NMAC         Instructions: Plan - based upon the appropriate requirements of 19.15.17.13 NMAC         Instructions: Plan - based upon the appropriate requirement Plan - based upon the appropria	Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
Line: 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         Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.11 NMAC         Nuisance or Hazardous Odors, including H2S, Prevention Plan         Dil Field Waste Stream Characterization         Monitoring and Inspection Plan         Errosion 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         Waste Excavation and Removal (Closed-loop system only)         On-site Closure Method:       Swaste Excavation and Removal (Closed-loop systems only)         On-site Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)         15       Waste Excavation and Removal (Closed-loop systems only)         On-site 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)	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
□ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC         □ 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         □ Oil Field Waste Stream Characterization         □ Oil Field Waste Stream Characterization         □ 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 appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC         Instructions: Please complete the applicable boxes, Baxes 14 through 18, in regards to the proposed closure plan.         Type:       □ Prilling         □ Waxte Excavation and Removal       (Below-Grade Tank)         □ On-site Closure Method (only for temporary pits and closed-loop systems)         □ □ □ n-site Closure Method (only for temporary pits and closed-loop systems)         □ □ n-place Burial       □ On-site Tench         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.         Preposed Closure Method (only for temporary pits and closed-loop systems)       □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Quality Control/Quality Assurance Construction and Installation Plan
Preeboard 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         Ecosion 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 (Closure Plan - based upon the appropriate requirements of Permanent Pit         XBelow-grade Tank       Closed-loop System         Alternative       Proposed Closure (Losure Closure Activation and Removal (Below-Grade Tank)         Waste Removal (Closed-loop systems only)       On-site Closure Method:         Dribuse Closure Method:       Waste Excavation and Removal (Below-Grade Tank)         Waste Removal Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)         15         Waste Excavation and Removal Chourents are attached.         XP Protocols and Procedures - based upon the appropriate requirements of 19:15:17:13 NMAC         XP Protocols and Procedures - based upon the appropriate requirements of Subsection F of 19:15:17:13 NMAC         XP Optocols and Procedures - based upon	Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC
Nuisance or Hazardous Odors, including H2S. Prevention Plan         Emergency Response Plan         Oil Field Waste Stream Characterization         Monitoring and Inspection Plan         Erospect 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         PkA       [Permanent Pit] [X]Below-grade Tank         Closure Method:       [X]Waste Excavation and Removal         (Below-Grade Tank)       [Closed-loop System         Alternative       [Proposed Closure Method:         Proposed Closure Method:       [X]Waste Excavation and Removal         (Below-Grade Tank)       [Closed-loop Systems only]         On-site Closure Method:       [S]Waste Excavation and Removal         []In-place Buratin       [On-site Trench]         []] Maste Excavation and Removal Closure Method (Exceptions must be submitted to the Santa Fc Environmental Bureau for consideration)         15       []]         Waste Excavation and Removal Closure Plan Checklist; (19.15.17.13 NMAC)         []]       []]         []]       []]         []]       []]         []]       []] </td <td>Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC</td>	Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
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 bases, Bases 14 through 18, in regards to the proposed closure plan.      Type: Drilling Workover Emergency Cavitation P&A Permanent Pit K 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 (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 attached to the closure plan.      Preprotocols 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)     Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC	Nuisance or Hazardous Odors, including H2S, Prevention 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         It         Proposed Closure:       19.15.17.13 NMAC         Instructions:       Plane complete the applicable bases, Bases 14 through 18, in regards to the proposed closure plan.         Type:       Orilling         Workover       Emergency         Clavitation       P&A         Permanent Pit       X Below-grade Tank         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         In-place Burial       On-site Tench         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.         Prease indicate, by a check mark in the box, that the documents are attached.         Propocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC         X Protocols and Procedures - based upon the appropriate requirements of Subsection F of 19	Emergency Response Plan
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 Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC 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) On-site Closure Method (Exceptions must be altoched closure plan. In-place Burial On-site Trench Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)  Verses indicate, by a check mark in the box, that the documents are attached. Protocols and Procedures - based upon the appropriate requirements of Subsection F 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 Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	Oil Field Waste Stream Characterization
Frosion Control Plan      Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC      If      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)	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 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 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)  Type: 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 Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Soil Backfill and Cover Design Specifications - based up	Erosion Control Plan
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:         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)       Is         Vaste Excavation and Removal Closure Plan Checklist:       (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.         Prease 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         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	Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Proposed Llosure:       19.15.17.15 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       Proposed Closure Method:       X Waste Excavation and Removal       (Below-Grade Tank)       Waste Excavation and Removal       (Below-Grade Tank)         Waste Closure Method:       X Waste Excavation and Removal       (Below-Grade Tank)       Image: Closure Method (only for temporary pits and closed-loop systems)         Image:       Image: Closure Method (only for temporary pits and closed-loop systems)       Image: 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         X       Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cutings)       X       Soil Backfill and Cover Design S	
Type:       Drilling       Workover       Emergency       Cavitation       P&A       Permanent Pit       Selow-grade Tank       Closed-loop System         Alternative       Proposed Closure Method:       Waste Excavation and Removal       (Below-Grade Tank)       Waste Excavation and Removal       (Below-Grade Tank)         Waste Excavation and Removal       (Olosed-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)       Is       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.       Yerocools 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 H of 19.15.17.13 NMAC	<b><u>Proposed Closure:</u></b> 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
Image: Section of the following items must be 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       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 H of 19.15.17.13 NMAC         X       Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	Alternative Proposed Closure Methods NWeste Execusion and Personal and
In-place BurialOn-site Closure Method (only for temporary pits and closed-loop systems)	Proposed Closure Method: [X] waste Excavation and Removal (Below-Grade Tank)
In-place Burial On-site Trench      In-place Burial On-site Trench      Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)	On-site Closure Method (only for temporary hits and closed loop sustance)
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)  Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)  Alternative Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.  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	In-place Burial Op-site Transh
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. <i>Waste Excavation and Removal Closure Plan Checklist:</i> (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. <i>Waste Excavation and Removal Closure Plan Checklist:</i> (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. <i>Waste Excavation and Removal Closure Plan Checklist:</i> (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. <i>Waste Excavation and Removal Closure Plan Checklist:</i> (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. <i>Waste Excavation and Removal Closure Plan Checklist:</i> (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. <i>Waste Excavation Plan Checklist:</i> (19.15.17.13 NMAC) is protocols and Procedures - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC <i>X</i> Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) <i>X</i> Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC <i>X</i> Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC <i>X</i> Six Declementing Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	Alternative Closure Method (Excentions must be submitted to the Sente Ex Environmental Duran for equilibrium)
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         X       Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	Internative closure method (Exceptions must be submitted to the Santa re Environmental Bureau for consideration)
<ul> <li>X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC</li> <li>X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)</li> <li>X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC</li> <li>X Six Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC</li> </ul>	15 <u>Waste Excavation and Removal Closure Plan Checklist:</u> (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
<ul> <li>X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC</li> <li>X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)</li> <li>X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC</li> <li>X Size Backgrift Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC</li> </ul>	X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
<ul> <li>X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)</li> <li>X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>X Re-vegetation Plan - based upon the appropriate requirements of Subsection 1 of 19.15.17.13 NMAC</li> <li>X Six Backgrift Black based upon the appropriate requirements of Subsection 1 of 19.15.17.13 NMAC</li> </ul>	X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
<ul> <li>X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>X Re-vegetation Plan - based upon the appropriate requirements of Subsection 1 of 19.15.17.13 NMAC</li> <li>X Six Backgrift Black based upon the appropriate requirements of Subsection 1 of 19.15.17.13 NMAC</li> </ul>	X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	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 1 of 19.15.17.13 NMAC
X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

16 <u>Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:</u> (19.15.17.13.D NMA Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than 1 are required.	C) wo facilities					
Disposal Facility Name: Disposal Facility Permit #:						
Disposal Facility Name: Disposal Facility Permit #:						
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that <i>will not</i> be used for future and the second seco	re service and operations?					
Required for impacted areas which will not be used for future service and operations:         Soil Backfill and Cover Design Specification - based upon the appropriate requirements of Subsection H of 19.15.17.13 N.         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	MAC					
17 <u>Siting Criteria (Regarding on-site closure methods only:</u> 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	below: Requests regarding changes to 5 the Santa Fe Environmental Bureau office					
Ground water is less than 50 feet below the bottom of the buried waste.	Yes No					
- NM Office of the State Engineer - IWATERS database search; USGS: Data obtained from nearby wells	N/A					
Ground water is between 50 and 100 feet below the bottom of the buried waste	Yes No					
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	N/A					
Ground water is more than 100 feet below the bottom of the buried waste.						
- 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 other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).	Yes No					
- 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 application, - Visual inspection (certification) of the proposed site: Aerial photo; satellite image	Yes No					
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence at the time of the initial application: - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	Yes No					
<ul> <li>Written confirmation or verification from the municipality: Written approval obtained from the municipality</li> </ul>						
Within 500 feet of a wetland	Yes No					
Within the area overlying a subsurface mine.	Yes No					
- Written confirantion or verification or map from the NM EMNRD-Mining and Mineral Division						
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society;     Topographic man						
Within a 100-year floodplain. - FEMA map	Yes No					
18 On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must bee attached to the clo by a check mark in the box, that the documents are attached.	sure plan. Please indicate,					
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC						
Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC						
Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC						
Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC	f 19.15.17.11 NMAC					
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMA	c					
Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC						
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards	cannot be achieved)					
Soil Cover Design - based upon the appropriate requirements of Subsection H of 19:15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19:15.17.13 NMAC						

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Operator Application Certification:	
Thereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.	
Name (Print): Crystal Eafoya Title: Regulatory Technician	
Signature: Custal Julan Date: 12/22/2008	
e mail address: chustal bara duorophotochem Telephone: 505.326-0837	
20	
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)	
OCD Representative Signature: Approval Date:	
Title: (JCD Downit Number)	
OCD Period Number:	
21 Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date:	
Closure Method:	
Waste Excavation and Removal On-site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only)	
If different from approved plan, please explain.	
23	_
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only-	
Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities	
were utilized.	
Disposal Facility Permit Number:	
Disposal Facility Permit Number:	
Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and opeartions?	
res (it yes, please demonstrate complitante to the items below)	
Required for impacted areas which will not be used for future service and operations:	
Soil Backfilling and Cover Installation	
Re-vegetation Application Rates and Seeding Technique	
24 Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the eleven energy planets in the start of the	
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	1
Site Reclamation (Photo Documentation)	
On-site Closure Location: Latitude: Longitude: NAD 1927 1983	
25	
Operator Closure Certification:	
I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. Talso certify	that
the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.	
Name (Print):	
Signature: Date:	
e-mail address: Telephone:	

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New Mexico Office of the State Engineer POD Reports and Downloads
Township: 27N Range: 04W Sections:
NAD27 X: Y: Zone: Search Radius:
County: Basin: Number: Suffix:
Owner Name: (First) (Last) CNon-Domestic CDomestic All
POD / Surface Data Report Avg Depth to Water Report Water Column Report
Clear Form iWATERS Menu Help

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POD Number	Tws	Rng	Sec	đ	đ	g	Zone	х	Y	Well	Water	Column	
SJ 00048	27N	04W	01							143			
SJ 01049	27N	04W	18	4	2	2				15			
SJ 01205	27N	04W	34	4	4	4				3054	750	2304	

Record Count: 3

New Mexico Office of the State Engineer

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	New Mexico Office of the State Engineer POD Reports and Downloads
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NAD	27 X: Y: Zone: Search Radius:
County:	Basin: Number: Suffix:
Owner Name: (	(First) (Last) CNon-Domestic CDomestic CAll
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	Clear Form iWATERS Menu Help
	WATER COLUMN REPORT 08/20/2008
POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are biggest to smallest) Depth Depth Water (in Tws Rng Sec q q q Zone X Y Well Water Column
No Records four	nd, try again

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ConocoPhillips

# AERIAL MAP SAN JUAN 27-4 UNIT 37N N JUAN 27-4 UNIT 54 N JUAN 27-4 UNIT 1 7-4 WELL 546 DK SAN JUAN 27-4 UNIT 116

Data Source Aerial flown locally Sedgewick in 2005.

1000FT 300FT

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

### Mines, Mills and Quarries Web Map

### SAN JUAN 27-4 UNIT 37N

Unit Letter: M, Section: 33, Town: 027N, Range: 004W





### SAN JUAN 27-4 UNIT 37N

#### Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'SAN JUAN 27-4 UNIT 37N', which is located at 36.52579 degree, North latitude and 107.26371 degree, West longitude. This location is located on the Vigas Canyon 7.5' USGS topographic quadrangle. This location is in section 33 of Township 27 North Range 4 West of the Public Land Survey System (New Mexico Principal Meridian). This location is located in Rio Arriba County, New Mexico. The nearest town is El Vado, located 30.0 miles to the east. The nearest large town (population greater than 10,000) is Farmington, located 54.3 miles to the west (National Atlas). The nearest highway is State Highway 537, located 4.1 miles to the east. The location is on National Forest land and is 1,148 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Blanco Canyon. New Mexico, Sub-basin. This location is located 2123 meters or 6963 feet above sea level and receives 13 inches of rain each year. The vegetation at this location is classified as Colorado Plateau Pinon-Juniper Woodland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 364 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 110 feet to the southeast and is classified by the USGS as an intermittent stream. The nearest perennial stream is 2,147 feet to the northwest. The nearest water body is 2,127 feet to the northwest. It is classified by the USGS as an intermittent lake and is 0.5 acres in size. The nearest spring is 5,662 feet to the east. All stream, river, water body and spring information was determined as per the USGS Hydrographic Dataset (High Resolution), downloaded 3/2008. The nearest water well is 8,488 feet to the southwest. The nearest wetland is a 1.0 acre Freshwater Pond located 2,083 feet to the northwest. The slope at this location is 8 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 SAN JOSE FORMATION--Siltstone, shale, and sandstone with a Sandstone dominated formations of all ages substrate. There is no SSURGO soil data available for this location. The nearest underground mine is 21.6 miles to the north as indicated on the Mines, Mills and Quarries Map of New Mexico provided.

#### Regional Hydrogeological context:

The San Jose Formation of Eocene age occurs in New Mexico and Colorado, and its outcrop forms the land surface over much of the eastern half of the central basin. It overlies the Nacimiento Formation in the area generally south of the Colorado-New Mexico State line and overlies the Animas Formation in the area generally north of the State line. The San Jose Formation was deposited in various fluvial-type environments. In general, the unit consists of an interbedded sequence of sandstone, siltstone, and variegated shale. Thickness of the San Jose Formation generally increases from west to east (200 feet in the west and south to almost 2,700 feet in the center of the structural basin). Ground water is associated with alluvial and fluvial sandstone aquifers. Thus, the occurrence of ground water is mainly controlled by the distribution of sandstone in the formation. The distribution of such sandstone is the result of original depositional extent plus any post-depositional modifications, namely erosion and structural deformation. Transmissivity data for San Jose Formation are minimal. Values of 40 and 120 feet squared per day were determined from two aquifer tests (Stone et al, 1983, table 5). The reported or measured discharge from 46 water wells completed in San Jose Formation ranges from 0.15 to 61 gallons per minute and the median is 5 gallons per minute. Most of the wells provide water for livestock and domestic use. The San Jose Formation is a very suitable unit for recharge from precipitation because soils that form on the unit are sandy and highly permeable and therefore readily adsorb precipitation. However, low annual precipitation, relatively high transpiration and evaporation rates, and deep dissection of the San Jose Formation by the San Juan River and its tributaries all tend to reduce the effective recharge to the unit.

Stone et al., 1983, Hydrogeology and Water Resources of the San Juan Basin, New Mexico: Socorro, New Mexico Bureau of Mines and Mineral Resources Hydrologic Report 6, 70 p.

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

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

### General Plan:

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

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



## DURA-SKRIM®

### **J30, J36 a J45**

PROPERIJES	TEST METHOD		I30BB		36BB				
		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Rol Averages	Min. Roll	Typical Roll		
Appearance		Bla	ck/Black	Blac	k/Black	Riverages			
Thickness	ASTM D 5199	27 mil	30 mil	32 mil	26	Dial			
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs (18 14)	140 lbs	151 lbs	168 lbs	40 mil 189 lbs	45 mil		
Construction	·	(10.14)	(20.10)	(21.74)	(24.19)	(27.21)	(30.24)		
Ply Adhesion		EX	rusion laminate	d with encapsul	ated tri-direction	nal scrim reinfo	rcement		
	ASTMU 413	16 lbs	20 lbs	19 lbs	24 lbs	25 lbs	31 lbs		
1" Tensile 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		
1" Tensile Elongation @ Break. % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	550 MD	750 MD	550 MD	750 MD		
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	750 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 Ténsile	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		
* Dimensional Stability	ASTM D 1204	<1	<0.5	<1	<0.5		131 101 00		
Puncture Resistance	ASTM D 4833	50 lbf	64 lbf	CE IL	-0.5	<1	<0.5		
Maximum Use Temperature		180° F	1909 5		83 lbf	80 lbf	99 lbf		
Minimum Use Temperature		700 F	100 F	180° F	180° F	180° F	180° F		
D = Machine Direction		-70 F	-70° F	-70° F	-70° F	-70° F	-70° F		

DD = Diagonal Directions

OURA SOM

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 original 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.

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 replaced is clean, dry, and unencumbered. This includes, but is not limited to, the area made available for repair and/or replacement of Raven geomembrane to be free from all water, dirt, sludge, residuals and liquids of any kind. If after inspection it is associated with the site inspection.

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

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

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

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

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

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

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

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

### General Plan:

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

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

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

### General Requirements:

- BR shall close a below-grade tank within the time periods provided in Subsection A of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I 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 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH division approves, does not exceed 100 mg/kg; and the chloride concentration, as determined by EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. BR shall notify the division of its results on form C-141.
- 6. If BR or the division determines that a release has occurred, then BR shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

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