| Market Dr., Mark Dr., Bakes, NM. 2020 Energy Minerals and Natural Resources Per temporary jits, devid-log system, and below system, below-ciracter Tank, or proposed alternative method Diractive Trans. Or Proposed Alternative Method Permit or Closure Plan Application Per temporary jits, devid-log system, below system, below-ciracter Tank, or proposed alternative nethod Diractive Diractive Diraction to a pit, closed-Loop System, below-ciracter Tank, or proposed alternative method Closure of a pit, closed-Loop system, below-ciracter Tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative reque or ensumit method on sogen does no diverte experime of requires in ordinates. Prestore alternative plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative reque or ensumits in stand state or decomponental but on advances. Prestore alternative method Closer of pit, singer Arabita pit, alternative method in packate general anti-properties. Prestore alternative method in sogen does no diverte experime of resources of distate experiment in constance. Coorder of proposed alternative reque or ensumity in state of data generalize method in applicate properties. Prestore alternative method in application constant and train (resources of list data data data data constance constantes. Prestore alternative metho | District I | Sta | te of New Mexico | Form C- |
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| Per time of the develop system, below-grade tank, when the develop system, below-grade tank, when the develop system is Noted D part of the system is the system is the system of the system is the system is the system of the system is the system of the system is the system of the system of the system of the system of the system is the system of the system is the system of the system of the system is the system of t | 1625 N. French Dr., Hobbs, NM 88240 | Energy Min | erals and Natural Resources | July 21, 2 |
| Product P | | | ment | For temporary pits, closed-loop sytems, and below-grad- tanks, submit to the appropriate NMOCD District Office |
| M 8750 For promote place and receptors obtains the Samt | REGIN | SIERED | _ Ion Division Francis Dr | tames, submit to the appropriate randoed bisitiet effect. |
| Databal Discrete Discrete Plan Application Pit. Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application Type of action: Proposed Alternative Method Permit or Closure Plan Application Type of action: Proposed alternative Method Permit or a pit. closed-loop system, below-grade tank, or proposed alternative method Closure plan only submitted for an existing permit Closure plan only submitted for an existing permit. Closure plan only submitted for an existing permits. Plan Application Plan Advects: Plan Adve | 10 | | M 87505 | For permanent pits and exceptions submit to the Santa Fo |
| 120 5 St. Functs Dr. Same JC MM 47007 Ptil. Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application Type of action: Type of action: State Termit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of an pit, closed-loop system, below-grade tank, or proposed alternative method Closure of an only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit on action of an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or alternative requeres the advect due approach date and tacke due approach of the operator of the repeater of the fibrility dual genetics test in patients or action active due approach and the method of the repeater of | District IV | | | Environmental Bureau office and provide a copy to the |
| Pick_Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application Type of action: | 1220 S. St. Francis Dr., Santa Fe, NM 8 | 37505 | 0 / D1 0 1 | |
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| Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Indiversity of the permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Indiversity of the permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Indiversity of the permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Indiversity of the permit of a pit, closed-loop system, below-grade tank or alternative reque of the permit of a pe | PR | <u>Sposed Alternative M</u> | lethod Permit or Closur | e Plan Application |
| Closure of a pir. closed-loop system, below-grade tank, or proposed alternative method Closure of a pir. closed-loop system, below-grade tank, or proposed alternative method Closure of a pir. closed-loop system, below-grade tank or alternative reque Please be alvesd the approal of this reques does not relieve the operator of liabily-double genetions result in pellatine of surface water, gooad water or the contentee. Nor does approal of this request does not relieve the operator of liabily-double genetions result in pellatine of surface water, gooad water or the contentee. Nor does approal of this request does not relieve the operator of liabily-double genetions result authority refer, regulations or ordinance. Please be alvesd tellew the operator of insetting to compty with any older applicable governmental authority refer, regulations or ordinance. Portance: <u>Burdington Resources Oli & Gas Company, LP</u> OGRID#: <u>14538</u> Address: <u>BO Box 4289, Farmington, NM 87499 Facility or well many: <u>HARE 4</u> API Number: <u>004907788</u> <u>004507788</u> <u>004507788</u> <u>004507788</u> <u>004507788</u> <u>004507788</u> <u>004507788</u> <u>004507788</u> <u>004507788</u> <u>004507788</u> <u>1007</u> <u>County:</u> <u>San Juan</u> <u>1017</u> <u>5004507788</u> <u>004507788</u> <u>1007</u> <u>1017</u> <u>1107</u> <u>1</u></u> | Type of action | on: X Permit of a pit, clo | sed-loop system, below-grade ta | nk, or proposed alternative method |
| ☐ dot/fication to an existing permitted ☐ closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank or adjusted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank or adjusted for an existing permitted pit, closed-loop system, below-grade tank or adjusted for an existing permitted pit, closed-loop system, below-grade tank or adjusted for an existing permitted pit, closed-loop system, below-grade tank or adjusted for adjusted potential in polition of ardie state, grade tank, or adjusted for adjusted potential baby, rules, regulations or adjusted. Preachest Burlington Resources Oil & Gas Company, LP OGRID#: 14538 Address: PO Box 4289, Farmington, NM 87499 Facility or well name: HARE 4 API Number: 3004507788 OCD Permit Number: U.o Ogtr/Qr: O Section: 25 Tornship: 29N Range: 10W. County: State C Toroposed Design: Langitude: | | Closure of a pit, cl | osed-loop system, below-grade t | ank, or proposed alternative method |
| Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (Parn C-144) per individual pit, closed-loop system, below-grade tank or alternative reque Please be divided the approval of this request does nor relieve the operator of listing, should operators rule in pediation of untrace water, grand water or the environment. Nor does approval of this request billy to comply with any other splicable governmental authority rules, regulation or ordinances. I Operator: Burlington Resources OII & Gas Company, LP OGRID#: 14538 Address: BouldsOr788 OCD Permit Number: 00 Closure plan only with any other splicable governmental authority rules, regulation or ordinances. 100.00 County: San Juan Closure plan only with any other splicable governmental authority rules, regulation or ordinances. 100.00 County: San Juan Closure plan only with any other splicable governmental authority rules. 3004507788 OCD Permit Number: 100.00 102.1927 [19 Closure plan only withing to comply with any other splicable governmental burst or Indian Allotment 201.00 201.00 201.00 201.00 201.00 201.00 201.00 201.00 201.00 201.00 201.00 201.00 201.00 201.00 <t< td=""><td></td><td>Modification to an</td><td>existing permit</td><td></td></t<> | | Modification to an | existing permit | |
| Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative reque Please be advised that approval of this requestions on ordere the operator of liability about operations result in pollution of arter search. Second system: Nor does approval of this requestions or order applicable government autority's mks. regulations or orderated. Poperator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538 Addresss: PO Box 4289, Farmington, NM 87499 Facility or well name: HARE 4 API Number: 3004507788 OCD Permit Number: U/L or Qur/Qtr: 0 Section: 25 Township: 29N Range: 10W County: San Juan Context of Proposed Design. Latitude: 36.692077 Longitude: 107.832577 W NAD: X] 1927 [19 Surface Owner: Federal State X Private Tribal Trust or Indian Allotment 2 PH: Subsection For G of 19.15.17.11 NMAC Temporary: Dotiling Workover Permanont Emergency Cavitation P&A Giner Seams: Welded Factory Other Thickness mit LLDPE HDPE PVC Other | | Closure plan only s below-grade tank, | submitted for an existing permitt or proposed alternative method | ed or non-permitted pit, closed-loop system, |
| Please be advised that approval of this request dates on treffere the operator of heliality shadla operations result in politanical price scatter, proud stater or the environment. Nor dete applicable governmental authority's rules, regulations or ordinazers. 1 Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538 Address: PO Box 4289, Parmington, NM 87499 Facility or well name: HARE 4 API Number: | Instructions: Please submit | one application (Form C-144 | 4) per individual pit, closed-loop | o system, below-grade tank or alternative reques |
| | Please be advised that app | proval of this request does not relieve the | he operator of liability should operations re | sult in pollution of surface water, ground water or the |
| Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538 Address: PO Box 4289, Farmington, NM 87499 Facility or well name: HARE 4 API Number: 3004507788 OCD Pernit Number: U/L or QurQur: Section: 25 Township: 29N Range: 10W County: San Juan Center of Proposed Design: Latitude: 36.69207'N Longitude: -107.83257'W NAD: X 1927 19 Surface Owner: Federal State X Private Tribal Trust or Indian Allotment X 1927 19 Surface Owner: Energency Cavitation P&A | environment. Nor does appro | ovai reneve the operator of its responsit | bility to comply with any other applicable g | governmental authority's rules, regulations or ordinances. |
| Address: Po Box 4289, Farmington, NM 87499 Facility or well name: HARE 4 API Number: 3004507788 OCD Permit Number: U/L or QUr/Qtr: O Section: 25 Township: 29N Range: 10W Country: Section: 25 Township: 29N Surface Owner: Federal State XI Private Tribal Trust or Indian Allotment 2 Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Catiation P&A Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other String-Reinforced Liner type: Thickness mil LLDPE HDPE PVC Other 3 Classed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) 1 Drying Pad Above Ground Steel Tanks Maul-Off Bins Other | Operator: Burlington Resourc | ces Oil & Gas Company, LP | | OGRID#: 14538 |
| Facility or well name: HARE 4 API Number: | Address: PO Box 4289, Farm | ington, NM 87499 | | |
| API Number: 3004507788 OCD Permit Number: U/L or Qtr/Qtr: O Section: 25 Township: 29N Range: 10W County: San Juan Center of Proposed Design: Latitude: 36.69207'N Longitude: -107.83257'W NAD: X 1927 19 Surface Owner: Federal State Private Tribal Trust or Indian Allotment 2 Pfit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A | Facility or well name: HARE | 4 | | |
| U/L or Qit/Qit: 0 Section: 25 Township: 29N Range: 10W County: San Juan Center of Proposed Design: Latitude: 36.69207°N Longitude: -107.83257°W NAD: X 1927 19 Surface Owner: Federal State X Private Tribal Trust or Indian Allotment 2 Ptig: Subsection F or G of 19.15.17.11 NMAC Temporary: Dilling Workover Permanent Emergency Cavitation P&A | API Number: | 3004507788 | OCD Permit Number | r. |
| Orbot QiuQui. 23 Townsinp. 23/K Kainge: 10/K Outly: Sain Juan Surface Owner: Federal State 36.6207°N Longitude: -107.83257°W NAD: X 1927 19 Surface Owner: Federal State X Private Tribal Trust or Indian Allotment 2 Pit: Subsection F or G of 19.15.17.11 NMAC Trust or Indian Allotment 2 2 Permanent Emergency Cavitation P&A 1 Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other 3 Classed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) 1 Drying Pad Above Ground Steel Tanks Haul-off Bins Other | U/L or Otr/Otr: 0 | Section: 25 Townshin | 20N Banaar 1 | |
| Construction Design: Landud:: | Center of Proposed Design: La | stitude: 36 60307° | N Longituda: | 107 8225793W NAD: 1027 |
| 2 Protect Provate 1110a1 Fust or indian Allotment 2 Ptil: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Lined United Liner type: Thickness mil LLDPE HDPE PVC Other 3 String-Reinforced Liner Seams: Welded Factory Other Volume: | Surface Owners | | Congruide. | -107.83237 W NAD: X 1927 190 |
| 2 Pti: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other String-Reinforced | | | Ivate I moar must or mutan | |
| 4 X Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: 120 bbl Type of fluid: Produced Water Tank Construction material: Metal Secondary containment with leak detection X Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other Liner Type: Thickness mil HDPE PVC X Other Unspecified 5 Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. | Temporary: Drilling Permanent Emergency Lined Unlined String-Reinforced Liner Seams: Welded String-Reinforced Closed-loop System: String-Reinforced Drype of Operation: P&A Drying Pad Above Lined Unlined Lined Unlined Lined Unlined | Workover Cavitation P&A Liner type: Thickness Factory Other ubsection H of 19.15.17.11 NM/ Drilling a new well cround Steel Tanks Hau Liner type: Thickness Factory Other | mil LLDPE Volume: AC Workover or Drilling (Applies to a notice of intent) Il-off Bins Other ILDPEH | HDPE PVC Other |
| 5 Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. | 4 X Below-grade tank: Subse | ction I of 19.15.17.11 NMAC bbl Type of fluid: | Produced Water | |
| Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. | Volume: 120 Tank Construction material: | Metal leak detection X Visible Visible sidewalls or mil HDPE | sidewalls, liner, 6-inch lift and auto nly Other PVC XOther U | matic overflow shut-off |
| Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. | Volume: 120 Tank Construction material: | Metal leak detection X Visible Visible sidewalls or mil HDPE | sidewalls, liner, 6-inch lift and auto nly Other PVC XOther U | matic overflow shut-off |
| | Volume: 120 Tank Construction material: | Metal leak detection X Visible : Visible sidewalls or mil HDPE | sidewalls, liner, 6-inch lift and auto nly Other PVC XOther U | matic overflow shut-off |
| O(D) = O(D) | Volume: 120 Tank Construction material: Secondary containment with I Secondary containment with I Visible sidewalls and liner Liner Type: Thickness 5 Alternative Method: Submittal of an exception request | Metal leak detection X Visible Visible sidewalls or mil HDPE t is required. Exceptions must be | sidewalls, liner, 6-inch lift and auto nly Other PVC XOther U | matic overflow shut-off nspecified mental Bureau office for consideration of approval. |

| 6 <u>Fencing:</u> Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks) | | |
|--|------------------|-----------|
| Chain link, six teet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, in | istitution or ch | unch) |
| Four foot height, four strands of barbed wire evenly spaced between one and four feet | | |
| Alternate. Prease specify 4 nog wire tencing topped with two strands harded 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 | | |
| X Signed in compliance with 19.15.3.103 NMAC | | |
| 9 | | |
| Administrative Approvals and Exceptions: | | |
| 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 cor (Fencing/BGT Liner) | nsideration of a | approval. |
| Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. | | |
| 10 | | |
| Stung Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system. | | |
| Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | Yes | XNo |
| Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa 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 | XNu |
| (Applies to temporary, emergency, or cavitation pits and below-grade tanks) | NA | |
| - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | | |
| (Applied to permanent oils) | Yes | No |
| - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | A NA | |
| Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. | Yes | XNo |
| - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site. | | |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended | Yes | XNo |
| - Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland. | | VNo |
| - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site | | |
| 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. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society Topographic men | Yes | X No |
| Society, Topographic map Within a 100-year floodplain • FEMA map | Yes | XNo |

| 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 star had to the ambigation. Of these is been dead to the advertised by the deat the herein the deat to the ambigation of the following items are the deat to the ambigation. |
|--|
| Instructions, Each of the joints and the analysis of analysis of analysis and the application. The association of the provident of the provide |
| Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 (MMAC |
| X Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC |
| X Design Plan - based upon the appropriate requirements of 19.15.17.31 NMAC |
| X Operating and Maintenance Plan - based upon the appropriate requirements of 19,15,17,12 NMAC |
| X Closure Dan / Diagra complete Boxes 14 through 19 if applicable) based open the engregation requirements of Parken stor. Conf. |
| 19.15.17.9 NMAC and 19.15.17.13 NMAC |
| Previously Approved Design (attach copy of design) API or Permit |
| 12 Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC |
| Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. |
| Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 |
| Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC |
| Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC |
| Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC |
| Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC |
| Previously Approved Design (attach copy of design) API |
| Previously Approved Operating and Maintenance Plan API |
| 13 |
| Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC |
| Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. |
| Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC |
| Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC |
| Climatological Factors Assessment |
| Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC |
| Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC |
| Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC |
| Ouality Control/Ouality Assurance Construction and Installation Plan |
| Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC |
| Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC |
| Nuisance or Hazardous Odors, including H2S, Prevention Plan |
| Emergency Response Plan |
| Oil Field Waste Stream Characterization |
| Monitoring and Inspection Plan |
| Erosion Control Plan |
| Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC |
| |
| <u>Proposed Closure:</u> 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. |
| Type: Drilling Workover Emergency Cavitation P&A Permanent Pit X Below-grade Tank Closed-loop System |
| Alternative |
| Waste Removal (Closed-loop systems only) |
| On-site Closure Method (only for temporary pits and closed-loop systems) |
| In-place Burial On-site Trench |
| Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration) |
| |
| Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. |
| Trease indicate, by a check mark in the box, that the abcuments are attached. |
| Trotocols and Frocourds - vascu upon the appropriate requirements of Subsection F of 10, 15, 17, 13 NMAC To formation Sampling Plan (if applicable), based upon the appropriate requirements of Subsection F of 10, 15, 17, 13 NMAC |
| 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 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 |
| |

| 16 Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Hauf-off Bins Only: (19.15.17.13.D NMA Instrumentations III marked and the Activity of Addition of the Above Ground Steel Tanks or Hauf-off Bins Only: | (C) |
|---|--|
| instructions: release dentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than a ore required. | two 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 of the second operation of the second operation o | 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 providea 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 o 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. | Yes No |
| - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | N/A |
| 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 Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. | Yes No |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality | |
| Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site | Yes No |
| Within the area overlying a subsurface mine. | Yes No |
| Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic grant and the second | Yes No |
| 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 closed 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 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 of | cannot be achieved) |
| Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC | |
| Re-vegetation Plan - based upon the appropriate requirements of Subsection 1 of 19.15.17.13 NMAC | |

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

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| Directory control, but informations within the application is time, accurate and complete in the bast of my isnowledge and belief. Name (Frinz) Crystal Largent Data Directory control, but informations within the application is time, accurate and complete in the bast of my isnowledge and belief. Name (Frinz) Crystal Largent Data Directory Control Largent Science (Including closure plan) Closure Flux (coly) OCD Conditions (see attachment) OCD Representative Signature: Approval Data: Approval Data: Title: OCD Permit Number: Control Largent Data: Closure Flux (cold) OCD Permit Number: Closure Completion Data: Closure Completion Data: Closure Completion Data: Closure Completion Data: Closure Completion Data: Closure Completion Data: Closure Completion Data: Closure Completion Data: Closure Completion Data: Closure Completion Data: Closure Completion Data: Closure Completion Data: Closure Completion Data: Closure Control (cold) Closure Method Wata Removal (Close# Acop systems col) Closure Control (cold) Close# Closure Method Wata Removal (Close# Acop systems col) Closure Completion Data: Closure Completion Data: | | | |
| Name (Think: Cystal Talog | Operator Application Certification: | urate and complete to the | have all more because to the start |
| Signature: | Name (Print): Crystal Tafoya | Title: | Regulatory Technician |
| and address: | Simpler | Data | |
| 20 OUT_Adjustment OUT_Adjustment OUT_Adjustment 20 OUT_Adjustment OUT_Adjustment OUT_Adjustment 20 OUT_Adjustment Approval Date: | a mail addresse: | Date: | 505 224 0027 |
| 20 CDD Agenoval: | e-man address: | | 505-326-9837 |
| DCD. Approval: Permit Application (including closure plan) Closure Plan (only) COCD Conditions (see attachment) MCD. Representative Signature: | 2() | | |
| OCD Representative Signature: | OCD Approval: Permit Application (including closure plan) | Closure Plan (only) | OCD Conditions (see attachment) |
| Approval Date: Title: OCD Permit Number: 21 OCD Permit Number: 22 Description one required in obtain an approval (come plan plane in inglementing on; comer activities and sometime the closure epiorn. The closure improved closure plan has been solutioned and the closure generative in the context activities and sometime the closure epiorn. The closure improved closure plan has been solutioned and the closure generative in the context activities on the closure plan has been solutioned and the closure generative in the closure end of the closure of the closure end end closure end of the closure end end of the c | OCD Representative Signature: | | |
| Title: OCD Permit Number: 21 | | | Approval Date: |
| 21 Closure Report (required within 60 days of closure completion): 5-became K = 03311110MAC Intervition: Operating are required to the division within 60 days of the completion indementing 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 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 soction of the form unit on approved plan, please explain. 22 Closure Completion Date: 23 Closure Method: 24 Closure Method: 25 Closure Method: 26 Closure Method: 27 Closure Method: 28 Closure Method: 29 Disposal Facility Name: 20 Disposal Facility Pemit Number: 21 Disposal Facility Pemit Number: 22 Disposal Facility Pemit Number: 23 Disposal Facility Pemit Number: 24 Disposal Facility Pemit Number: 25 Closure Method and appendix during the closure service and operations: 26 Closure Nation Pemit Number: 27 State Activation Pemit Number: 28 Pacon Mathe d | Title: | OCD Pern | nit Number: |
| 21 Channe Report (required within 60 days of dooure completion); Solvestim K-of 19.(3.11.1) SMAC Instrum: Operators are required to obtain which 00 days of dooure plant to implementing any closure advisities and submitting the closure report. The closure report is required to be underted to the doins which 00 days of the completent disc. Planta due to underted the follow undit and the closure activities have been completed. 20 Closure Renort (required for advisor which 00 days of the completion Date; 21 Closure Renord (Closure Date) 23 Closure Renord Street Takes of Heard Closure Renord (Closure Ground Street Takes or Heard Flux Only; 24 Disposed Exciting Vaste Removal Closure For Closed-loop Systems That Utilize Above Ground Street Takes or Heard Flux Only; 23 Disposed Exciting Veste Removal Closure For Closed-loop Systems That Utilize Above Ground Street Takes or Heard Flux Only; 24 Disposed Exciting Veste Removal Grouver For Closed-loop Systems That Utilize Above Ground Street Takes or Heard Flux Only; 24 Disposed Exciting Veste Removal Grouver For Closed-loop Systems That Utilize Above Ground Street Takes or Heard Flux Only; 25 Disposed Exciting Veste Removal Grouver For Closed-loop Systems That Utilize Above Ground Street Takes or Heard Flux Only; 26 Disposed Exciting Name: Disposed Exciting Name: 27 Disposed Exciting Name: Disposed Exciting Name: 28 Disposed Exciting N | | | |
| 23 Classer Method: | Closure Report (required within 60 days of closure completion): Sub- Instructions: Operators are required to obtain an approved closure plan prior t report is required to be submitted to the division within 60 days of the completie approved closure plan has been obtained and the closure activities have been com- | section K of 19.15.17.13 NMA(o implementing any class on of the closure activitie ompleted. | ure activities and submitting the closure report. The closure ss. Please do not complete this section of the form until an e Completion Date: |
| Clearre Method: | 22 | | |
| 23 Cosure Report Regarding Waste Removal Closure For Closed-loop Systems That Littice Above Ground Sited Tanks or Haul-off Bins Only: Instructions: Plans identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized. Disposal Facility Name: | Closure Method: Waste Excavation and Removal On-site Closure Method If different from approved plan, please explain. | Alternative Closure | Method Waste Removal (Closed-loop systems only) |
| Disposal Facility Name: Disposal Facility Permit Number: Disposal Facility Name: Disposal Facility Permit Number: Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations? Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations? Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations: Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 34 Cosure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Closure Notice (surface owner and division) Proof of Closure Notice (surface owner and division) Proof of Closure Notice (surface owner and division) Bioposal Facility Name: Nampire (Print) Bioposal Facility Name: Nampire (Surface and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Soil Backfilling and Cover Installation NAD 1927 1983 35 Doerator Closure Lecation: | 23 <u>Closure Report Regarding Waste Removal Closure For Closed-loop System</u> Instructions: Please identify the facility or facilities for where the liquids, drill were utilized. | s That Utilize Above Gr ling fluids and drill cutti | round Steel Tanks or Haul-off Bins Only: ngs were disposed. Use attachment if more than two facilities |
| Disposal Facility Name: Disposal Facility Permit Number: | Disposal Facility Name: | Disposal Facility | Permit Number: |
| We the closed-loop system operations and associated activities performed on or in areas that will nor be used for future service and operations? We the closed-loop system operations and associated activities performed on or in areas that will nor be used for future service and operations? Required for impacted areas witch with not be used for future service and operations: Site Reclamation (Photo Documentation) Noil Backfilling and Cover Installation Revegetation Application Rates and Seeding Technique 24 Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Langute: Meed Activities and Seeding Technique Site Reclamation Photo Documentation) </td <td>Disposal Facility Name:</td> <td>Disposal Facility</td> <td>Permit Number:</td> | Disposal Facility Name: | Disposal Facility | Permit Number: |
| Wes (If yes, please demonstrate compiliane to the items below) No Required for impacted areas which will not be used for future service and operations: is the Reclamation (Photo Documentation) Site Reclamation (Photo Documentation) No Course Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in Proof of Closure Notice (surface owner and division) Proof of Closure Notice (surface owner and division) Proof of Closure Notice (surface owner and division) Proof of Closure Notice (trapplication Rase is and General to the closure report. Please indicate, by a check mark in Horbor of Closure Notice (surface owner and division) Proof of Closure Notice (trapplicatic course) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Site Reclamation (Photo Documentation) On-site Closure Location: Latitude: Longitude: NAD Thereby certification Plot This closure submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. Talso certify that the closure complex with all applicable closure requirements and conditions specified in the approved closure plan. Name (Print): | Were the closed-loop system operations and associated activities performed | on or in areas that will no | or be used for future service and opeartions? |
| Required for impacted areas which will not be used for future service and operations: Site Reclamation (Photo Documentation) Source Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soit Backfilling and Cover Installation Re-vegetation (Photo Documentation) On-site Closure Location: Latitude: Longitude: NAD 1927 Image: State Closure Cover Installation Re-vegetation (Photo Documentation) On-site Closure Location: Latitude: Longitude: NAD 1927 1983 | Yes (If yes, please demonstrate compliane to the items below) | No | |
| Soil Backfilling and Cover Installation 23 Cosure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in 1he 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) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Stile Reclamation (Photo Documentation) On-site Closure Location: Latitude: | Required for impacted areas which will not be used for future service and op Site Reclamation (Photo Documentation) | perations: | |
| Re-vegetation Application Rates and Seeding Technique 24 Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Certification: Itereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complex with all applicable closure requirements and conditions specified in the approved closure plan. Name (Print): Title: Signature: Date: signature: Telephone: | Soil Backfilling and Cover Installation | | |
| 24 Cosure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Closure Notice (surface owner and division) Proof of Closure Notice (surface owner and division) Proof of Closure Notice (surface owner and division) Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Longitude: NAD 1927 1983 23 Operator Closure Certification: Intereby certify that the information and attuchments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complete with all applicable closure requirements and conditions specified in the approved closure plan. Name (Print): Title: | Re-vegetation Application Rates and Seeding Technique | | |
| 23 Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan. Name (Print): | 24 Closure Report Attachment Checklist: Instructions: Each of the following the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: | owing items must be atta | ched to the closure report. Please indicate, by a check mark inNAD19271983 |
| Deperator Closure Certification: Uhereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan. Name (Print): Date: mail address: Telephone: | | | |
| Name (Print): | 25 Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure the closure complies with all applicable closure requirements and conditions spe | report is ture, accurate a ccified in the approved cl | and complete to the best of my knowledge and belief. I also certify that osure plan. |
| Signature: Date: Date: Telephone: | Name (Print): | Title: | |
| e-mail address: Telephone: | Signature: | Date: | |
| | e-mail address: | Telephone: | |

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| | Township: | 29N Range | : 09W S | ections: | | | | |
|---------|------------------|-----------|---------|--------------|--------|--------------|------------------|-------|
| | NAD27 X: | Y: | 1 | Zone: | | Search Radiu | ıs: | |
| County: | | Basin: | | | Numb | er: | Suffix: | |
| Owner N | ame: (First) | | (Last) | | CN | on-Domestic | c C Domestic | • All |
| P | DD / Surface Dat | a Report | Avg De | pth to Water | Report | Wat | ter Column Repor | t |

WATER COLUMN REPORT 08/20/2008

| Image: Normal problem Two by Row | | (quarter: | s are | • 1= | NW 2 | =NE | 3=SW 4=SI | 2) | | | | | | |
|---|---------------|--------------|-------|------|------|-------|-----------|----|---|-------|-------|--------|-----|-------|
| PUD Number Frs Rig Sec q q X Y Well Water Column SJ 01974 29N 09W 02 1 28N 28 8 20 SJ 01974 29N 09W 02 1 2 28 8 20 SJ 01983 29N 09W 02 1 2 225 33 222 SJ 03138 29N 09W 02 1 1 2 1010 5 66 SJ 03044 29N 09W 02 1 1 2 101 4 11 5 8 SJ 02492 29N 09W 02 1 1 3 11 16 13 16 15 11 16 15 11 16 15 11 16 15 11 16 15 11 16 15 15 11 16 15 15 11 16 15 15 15 15 < | | (quarter: | s are | bi | gges | st to | smallest | =) | | Depth | Depth | Water | (in | feet) |
| SJ 01874 29N 09W 02 1 28 8 20 SJ 02347 29N 09W 02 1 25 3 22 SJ 01983 29N 09W 02 1 25 3 22 SJ 03386 29N 09W 02 1 1 15 6 SJ 03044 29N 09W 02 1 1 1 15 6 SJ 03044 29N 09W 02 1 1 1 16 8 SJ 03044 29N 09W 02 1 1 3 13 5 8 SJ 02478 29N 09W 02 1 1 3 16 8 8 SJ 02478 29N 09W 02 1 4 25 10 15 SJ 0166 29N 09W 02 1 4 25 10 15 SJ 0166 29N </th <th>POD Number</th> <th>Tws</th> <th>Rng</th> <th>Sec</th> <th>g q</th> <th>PI</th> <th>Zone</th> <th>x</th> <th>Y</th> <th>Well</th> <th>Water</th> <th>Column</th> <th></th> <th></th> | POD Number | Tws | Rng | Sec | g q | PI | Zone | x | Y | Well | Water | Column | | |
| SJ 02347 29N 09W 02 1 25 4 21 SJ 01983 29N 09W 02 1 25 3 22 SJ 03138 29N 09W 02 1 1 11 5 6 SJ 03344 29N 09W 02 1 1 11 5 6 SJ 03044 29N 09W 02 1 1 11 5 6 SJ 03044 29N 09W 02 1 1 2 10 4 6 SJ 02477 29N 09W 02 1 1 3 13 5 8 SJ 02492 29N 09W 02 1 3 13 5 8 SJ 02096 29N 09W 02 1 4 25 10 15 SJ 0166 29N 09W 02 1 4 25 9 16 SJ | SJ 01874 | 29N | 09W | 02 | | | | | | 2.8 | 8 | 20 | | |
| SJ 01983 29N 09W 02 1 25 3 22 SJ 02346 29N 09W 02 1 1 11 5 6 SJ 03138 29N 09W 02 1 1 1 11 5 6 SJ 03044 29N 09W 02 1 1 2 10 4 6 SJ 02677 29N 09W 02 1 1 3 13 5 8 SJ 02478 29N 09W 02 1 1 4 27 11 16 SJ 02478 29N 09W 02 1 1 4 27 11 16 SJ 02478 29N 09W 02 1 1 4 27 11 16 SJ 02478 29N 09W 02 1 1 4 27 11 16 SJ 01066 29N 09W 02 1 1 4 24 11 13 SJ 0166 29N | SJ 02347 | 29N | 09W | 02 | 1 | | | | | 25 | 4 | 21 | | |
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| SJ 03138 29N 09W 02 1 1 11 5 6 SJ 03044 29N 09W 02 1 1 2 10 SJ 03396 29N 09W 02 1 1 3 10 SJ 02492 29N 09W 02 1 1 3 21 7 14 SJ 02492 29N 09W 02 1 1 3 13 5 8 SJ 02496 29N 09W 02 1 1 4 27 11 16 SJ 01067 29N 09W 02 1 1 4 25 10 15 SJ 01066 29N 09W 02 1 1 4 24 11 13 SJ 01232 29N 09W 02 1 2 2 27 7 20 SJ 01230 29N 09W 02 1 3 1 26 10 16 SJ 01230 29N 09W 2 | SJ 02346 | 29N | 09W | 02 | 1 | | | | | 25 | 4 | 21 | | |
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| SJ 02492 29N 09W 02 1 1 3 13 5 8 SJ 02478 29N 09W 02 1 1 3 16 8 8 SJ 02096 29N 09W 02 1 1 4 27 11 16 SJ 01067 29N 09W 02 1 1 4 25 10 15 SJ 01066 29N 09W 02 1 1 4 25 10 15 SJ 01086 29N 09W 02 1 1 4 25 10 15 SJ 01232 29N 09W 02 1 3 7 20 35 SJ 01210 29N 09W 02 1 3 1 26 10 16 SJ 01430 29N 09W 02 1 3 1 25 12 13 SJ 01392 29N 09W 02 1 3 2 25 12 13 < | SJ 02677 | 29N | 09W | 02 | 1 1 | . 3 | | | | 21 | 7 | 14 | | |
| SJ 02478 29N 09W 02 1 1 3 SJ 02096 29N 09W 02 1 1 4 27 11 16 8 8 SJ 02096 29N 09W 02 1 1 4 27 11 16 8 8 SJ 01066 29N 09W 02 1 1 4 25 10 15 SJ 01666 29N 09W 02 1 2 2 27 7 20 SJ 01632 29N 09W 02 1 2 2 27 7 20 SJ 01202 29N 09W 02 1 3 <th< th=""><th>SJ 02492</th><th>29N</th><th>09W</th><th>02</th><th>1 1</th><th>. 3</th><th></th><th></th><th></th><th>13</th><th>5</th><th>8</th><th></th><th></th></th<> | SJ 02492 | 29N | 09W | 02 | 1 1 | . 3 | | | | 13 | 5 | 8 | | |
| SJ 02096 29N 09W 02 1 1 4 27 11 16 SJ 01067 29N 09W 02 1 1 4 25 10 15 SJ 01066 29N 09W 02 1 1 4 25 10 15 SJ 01066 29N 09W 02 1 1 4 24 11 13 SJ 01232 29N 09W 02 1 3 25 9 16 SJ 01232 29N 09W 02 1 3 1 26 10 16 SJ 01200 29N 09W 02 1 3 1 26 10 16 SJ 01460 29N 09W 02 1 3 1 25 12 13 SJ 01203 29N 09W 02 1 3 1 25 12 13 SJ 01302 29N 09W 02 1 3 2 25 11 14 | SJ 02478 | 29N | 09W | 02 | 1 1 | 3 | | | | 16 | 8 | 8 | | |
| SJ 01067 29N 09W 02 1 1 4 25 10 15 SJ 01066 29N 09W 02 1 1 4 24 11 13 SJ 01632 29N 09W 02 1 2 2 27 7 20 SJ 01232 29N 09W 02 1 3 25 9 16 SJ 01302 29N 09W 02 1 3 1 26 10 16 SJ 01300 29N 09W 02 1 3 1 26 10 16 SJ 01460 29N 09W 02 1 3 1 24 11 13 SJ 01203 29N 09W 02 1 3 1 25 12 13 SJ 01302 29N 09W 02 1 3 2 25 11 14 SJ 01303 29N 09W 02 1 3 2 25 12 13 | SJ 02096 | 29N | 09W | 02 | 1 1 | . 4 | | | | 27 | 11 | 16 | | |
| SJ 01066 29N 09W 02 1 1 4 25 10 15 SJ 01183 29N 09W 02 1 1 4 24 11 13 SJ 03632 29N 09W 02 1 2 2 27 7 20 SJ 01232 29N 09W 02 1 3 3 35 35 SJ 01210 29N 09W 02 1 3 1 26 10 16 SJ 01460 29N 09W 02 1 3 1 26 10 16 SJ 01430 29N 09W 02 1 3 1 26 11 13 SJ 01303 29N 09W 02 1 3 1 25 11 13 SJ 01303 29N 09W 02 1 3 2 25 11 14 SJ 01303 29N 09W </th <th>SJ 01067</th> <th>29N</th> <th>09W</th> <th>02</th> <th>1 1</th> <th>4</th> <th></th> <th></th> <th></th> <th>25</th> <th>10</th> <th>15</th> <th></th> <th></th> | SJ 01067 | 29N | 09W | 02 | 1 1 | 4 | | | | 25 | 10 | 15 | | |
| SJ 01183 29N 09W 02 1 1 4 24 11 13 SJ 03632 29N 09W 02 1 2 2 27 7 20 SJ 01232 29N 09W 02 1 3 25 9 16 SJ 01210 29N 09W 02 1 3 1 26 10 16 SJ 01210 29N 09W 02 1 3 1 26 10 16 SJ 01460 29N 09W 02 1 3 1 26 10 16 SJ 01430 29N 09W 02 1 3 1 25 12 13 SJ 01430 29N 09W 02 1 3 2 25 11 14 SJ 01392 29N 09W 02 1 3 2 25 71 -46 SJ 03003 29N 09W< | SJ 01066 | 29N | 09W | 02 | 1 1 | 4 | | | | 25 | 10 | 15 | | |
| SJ 03632 29N 09W 02 1 2 27 7 20 SJ 01232 29N 09W 02 1 3 25 9 16 SJ 03080 29N 09W 02 1 3 35 35 SJ 01210 29N 09W 02 1 3 1 26 10 16 SJ 01460 29N 09W 02 1 3 1 26 10 16 SJ 01430 29N 09W 02 1 3 1 25 12 13 SJ 01430 29N 09W 02 1 3 1 25 12 13 SJ 01392 29N 09W 02 1 3 2 25 11 14 SJ 03003 29N 09W 02 1 3 2 25 12 13 SJ 01867 29N 09W 02 1 3 2 16 9 7 SJ 03687 29N 09W </th <th>SJ 01183</th> <th>29N</th> <th>09W</th> <th>02</th> <th>1 1</th> <th>4</th> <th></th> <th></th> <th></th> <th>24</th> <th>11</th> <th>13</th> <th></th> <th></th> | SJ 01183 | 29N | 09W | 02 | 1 1 | 4 | | | | 24 | 11 | 13 | | |
| SJ 01232 29N 09W 02 1 3 35 35 SJ 03080 29N 09W 02 1 3 35 35 SJ 01210 29N 09W 02 1 3 1 26 10 16 SJ 01460 29N 09W 02 1 3 1 26 10 16 SJ 01430 29N 09W 02 1 3 1 13 13 SJ 01430 29N 09W 02 1 3 1 25 12 13 SJ 01430 29N 09W 02 1 3 2 11 14 SJ 01430 29N 09W 02 1 3 2 13 14 SJ 01392 29N 09W 02 1 3 2 25 11 14 SJ 01867 29N 09W 02 1 3 2 16 9 7 SJ 03687 29N 09W 02 1 3 <th>SJ 03632</th> <th>29N</th> <th>09W</th> <th>02</th> <th>1 2</th> <th>2</th> <th></th> <th></th> <th></th> <th>27</th> <th>7</th> <th>20</th> <th></th> <th></th> | SJ 03632 | 29N | 09W | 02 | 1 2 | 2 | | | | 27 | 7 | 20 | | |
| SJ 03080 29N 09W 02 1 3 SJ 01210 29N 09W 02 1 3 1 26 10 16 SJ 01460 29N 09W 02 1 3 1 26 10 16 SJ 01430 29N 09W 02 1 3 1 24 11 13 SJ 01430 29N 09W 02 1 3 1 25 12 13 SJ 01203 29N 09W 02 1 3 2 25 11 14 SJ 01392 29N 09W 02 1 3 2 25 11 14 SJ 03003 29N 09W 02 1 3 2 25 11 14 SJ 03003 29N 09W 02 1 3 2 25 12 13 SJ 01867 29N 09W 02 1 3 </th <th>SJ 01232</th> <th>29N</th> <th>09W</th> <th>02</th> <th>1 3</th> <th></th> <th></th> <th></th> <th></th> <th>25</th> <th>9</th> <th>16</th> <th></th> <th></th> | SJ 01232 | 29N | 09W | 02 | 1 3 | | | | | 25 | 9 | 16 | | |
| SJ 01210 29N 09W 02 1 3 1 26 10 16 SJ 01460 29N 09W 02 1 3 1 19 8 11 SJ 01430 29N 09W 02 1 3 1 24 11 13 SJ 01203 29N 09W 02 1 3 1 25 12 13 SJ 01392 29N 09W 02 1 3 2 25 11 14 SJ 03003 29N 09W 02 1 3 2 25 11 14 SJ 01867 29N 09W 02 1 3 2 25 12 13 SJ 03253 29N 09W 02 1 3 2 16 9 7 SJ 03687 29N 09W 02 1 4 3 18 10 8 SJ 03127 29N 09W 02 1 4 3 13 10 3 | SJ 03080 | 29N | 09W | 02 | 1 3 | | | | | 35 | | | | |
| SJ 01460 29N 09W 02 1 3 1 SJ 01430 29N 09W 02 1 3 1 24 11 13 SJ 01203 29N 09W 02 1 3 1 24 11 13 SJ 01203 29N 09W 02 1 3 1 25 12 13 SJ 01392 29N 09W 02 1 3 2 25 11 14 SJ 03003 29N 09W 02 1 3 2 25 11 14 SJ 01867 29N 09W 02 1 3 2 25 71 -46 SJ 01579 29N 09W 02 1 3 2 16 9 7 SJ 02600 29N 09W 02 1 4 3 18 10 8 SJ 03687 POD1 29N 09W 02< | SJ_01210 | 29N | 09W | 02 | 1 3 | 1 | | | | 26 | 10 | 16 | | |
| SJ 01430 29N 09W 02 1 3 1 13 SJ 01203 29N 09W 02 1 3 1 25 12 13 SJ 01392 29N 09W 02 1 3 2 25 11 14 SJ 03003 29N 09W 02 1 3 2 25 11 14 SJ 03003 29N 09W 02 1 3 2 25 71 -46 SJ 01579 29N 09W 02 1 3 2 16 9 7 SJ 03687 29N 09W 02 1 4 3 18 10 8 SJ 03687 POD1 29N 09W 02 1 4 3 18 10 8 SJ 03687 POD1 29N 09W 02 1 4 3 17 10 7 SJ 03127 29N 09W 03 1 2 4 13 10 3 < | SJ 01460 | 29N | 09W | 02 | 1 3 | 1 | | | | 19 | 8 | 11 | | |
| SJ 01203 29N 09W 02 1 3 1 25 12 13 SJ 01392 29N 09W 02 1 3 2 25 11 14 SJ 03003 29N 09W 02 1 3 2 19 6 13 SJ 01867 29N 09W 02 1 3 2 25 71 -46 SJ 01579 29N 09W 02 1 3 2 25 71 -46 SJ 03253 29N 09W 02 1 3 2 16 9 7 SJ 03687 29N 09W 02 1 4 3 18 10 8 SJ 03687 POD1 29N 09W 02 1 4 3 18 10 8 SJ 03687 POD1 29N 09W 02 1 2 17 10 7 SJ 03127 29N 09W 03 1 2 4 13 10 | SJ 01430 | 29N | 09W | 02 | 1 3 | 1 | | | | 24 | 11 | 13 | | |
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| SJ 01867 29N 09W 02 1 3 2 25 71 -46 SJ 01579 29N 09W 02 1 3 2 25 12 13 SJ 03253 29N 09W 02 1 3 2 16 9 7 SJ 02600 29N 09W 02 1 4 3 18 8 10 SJ 03687 29N 09W 02 1 4 3 18 10 8 SJ 03687 POD1 29N 09W 02 1 4 3 18 10 8 SJ 03687 POD1 29N 09W 02 1 4 3 18 10 8 SJ 03127 29N 09W 02 1 2 13 10 3 SJ 02369 29N 09W 03 1 2 4 23 23 | SJ 03003 | 29N | 09W | 02 | 1 3 | 2 | | | | 19 | 6 | 13 | | |
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| | SJ 02369 | 29N | 0.9W | 0.3 | 1 2 | 4 | | | | 23 | | | | |

| SJ | 02369 | CLW | 29N | 09W | 03 | 1 | 2 | 4 | |
|----|-------|------|-----|-----|----|---|---|---|--|
| SJ | 02103 | | 29N | 09W | 03 | 1 | 3 | | |
| SJ | 01494 | | 29N | 09W | 03 | 2 | 2 | | |
| SJ | 03300 | | 29N | 09W | 03 | 2 | 2 | 2 | |
| SJ | 03362 | POD2 | 29N | 09W | 03 | 2 | 2 | 4 | |
| SJ | 03362 | | 29N | 09W | 03 | 2 | 2 | 4 | |
| SJ | 02567 | | 29N | 09W | 03 | 2 | 4 | 1 | |
| SJ | 03200 | | 29N | 09W | 03 | 3 | 1 | 1 | |
| SJ | 02946 | | 29N | 09W | 03 | 4 | 2 | 1 | |
| SJ | 03491 | | 29N | 09W | 04 | 1 | 1 | 3 | |
| SJ | 03490 | | 29N | 09W | 04 | 1 | 1 | 3 | |
| SJ | 03566 | | 29N | 09W | 04 | 1 | 3 | 4 | |
| SJ | 03531 | | 29N | 09W | 04 | 1 | 4 | 1 | |
| SJ | 03530 | | 29N | 09W | 04 | 1 | 4 | 1 | |
| SJ | 03466 | | 29N | 09W | 04 | 2 | 1 | 3 | |
| SJ | 02554 | | 29N | 09W | 04 | 2 | 1 | 4 | |
| SJ | 03118 | | 29N | 09W | 05 | 2 | 2 | 3 | |
| SJ | 03599 | | 29N | 09W | 05 | 4 | 1 | 1 | |
| SJ | 03092 | | 29N | 09W | 05 | 4 | 1 | 1 | |
| SJ | 03182 | | 29N | 09W | 05 | 4 | 1 | 1 | |
| SJ | 00584 | | 29N | 09W | 06 | 3 | 4 | | |
| SJ | 00785 | | 29N | 09W | 07 | 3 | 4 | 2 | |
| SJ | 03389 | | 29N | 09W | 07 | 4 | 4 | 2 | |
| SJ | 03536 | | 29N | 09W | 07 | 4 | 4 | 2 | |
| SJ | 01176 | | 29N | 09W | 80 | 1 | 1 | | |
| SJ | 02822 | | 29N | 09W | 80 | 1 | 1 | 3 | |
| SJ | 00436 | | 29N | 09W | 80 | 1 | 3 | | |
| SJ | 03534 | | 29N | 09W | 80 | 3 | 1 | 3 | |
| SJ | 02279 | | 29N | 09W | 09 | 1 | 1 | 4 | |
| SJ | 00102 | | 29N | 09W | 09 | 1 | 2 | 1 | |
| SJ | 02883 | | 29N | 09W | 16 | 2 | 3 | 3 | |
| SJ | 03185 | | 29N | 09W | 16 | 3 | 4 | 4 | |
| SJ | 03430 | | 29N | 09W | 18 | 2 | 2 | 1 | |
| SJ | 03428 | | 29N | 09W | 18 | 2 | 2 | 4 | |
| SJ | 00099 | | 29N | 09W | 18 | 2 | 4 | | |
| SJ | 00097 | | 29N | 09W | 18 | 2 | 4 | | |
| SJ | 00101 | | 29N | 09W | 18 | 2 | 4 | | |
| SJ | 00098 | | 29N | 09W | 18 | 2 | 4 | | |
| SJ | 00100 | | 29N | 09W | 18 | 4 | 1 | | |
| SJ | 00096 | | 29N | 09W | 18 | 4 | 2 | | |
| SJ | 00095 | | 29N | 09W | 18 | 4 | 2 | | |
| SJ | 02910 | | 29N | 09W | 18 | 4 | 2 | 1 | |
| SJ | 00094 | | 29N | 09W | 18 | 4 | 4 | 2 | |
| SJ | 00093 | | 29N | 09W | 18 | 4 | 4 | 4 | |

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| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 38 | 12 | 26 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 28 | 13 | 15 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 95 | 40 | 55 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 70 | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 42 | 20 | 22 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 30 | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 30 | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 40 | | |
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| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 42 | 20 | 22 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 40 | 16 | 24 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 42 | 18 | 24 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 143 | 40 | 103 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 20 | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 19 | 6 | 13 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 150 | 70 | 80 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 100 | 100 | 5.0 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 41 | 24 | 50 17 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 30 | 6 | 24 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 20 | 5 | 15 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 123 | 87 | 36 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 220 | 100 | 20 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 21 | 5 | 16 |
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| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | 16 | 4 | 12 |
| 16 4 12 16 4 12 16 4 12 16 4 12 20 15 155 | 16 | 4 | 12 |
| 16 4 12 16 4 12 20 15 155 | 16 | 4 | 12 |
| 16 4 12 20 15 155 | 16 | 4 | 12 |
| 20 15 155 | 16 | 4 | 12 |
| 155 | 20 | | |
| | 155 | | |

Record Count: 76

| | POD Reports and Downloads |
|---------------------------|---|
| Township: 29N | Range: 10W Sections: |
| NAD27 X: | Y: Zone: Search Radius: |
| County: Basin: | Number: Suffix: |
| Owner Name: (First) | (Last) CNon-Domestic CDomestic C |
| POD / Surface Data Report | Avg Depth to Water Report Water Column Report |

WATER COLUMN REPORT 08/20/2008

| | (quarter | s are |) 1 =1 | NW 2 | =NE | 3=SW 4=SI | 3) | | | | | | |
|---------------|-----------|-------|---------------|------|------|-----------|----|---|-------|-------|--------|-----|-------|
| | (quarter: | s are | e big | gges | t to | smallest | =) | | Depth | Depth | Water | (in | feet) |
| POD Number | Tws | Rng | Sec | a a | P | Zone | x | Y | Well | Water | Column | | |
| RG 36732 DCL | 29N | 10W | 25 | 2 | | | | | 500 | 450 | 50 | | |
| SJ 00785 S | 29N | 10W | 04 | 2 4 | 2 | | | | 20 | | | | |
| SJ 00680 | 29N | 10W | 13 | 2 2 | | | | | 40 | 10 | 30 | | |
| SJ 00785 NEW | 29N | 10W | 13 | 4 | | | | | 60 | 20 | 40 | | |
| SJ 00785 S-2 | 29N | 10W | 13 | 4 | | | | | 60 | 20 | 40 | | |
| SJ 03023 | 29N | 10W | 18 | 1 3 | 1 | | | | 90 | 65 | 25 | | |
| SJ 03502 | 29N | 10W | 18 | 1 3 | 1 | | | | 150 | | | | |
| SJ 03081 | 29N | 10W | 18 | 3 1 | 4 | | | | 20 | | | | |
| SJ 02078 | 29N | 10W | 19 | 3 1 | 1 | | | | 40 | 9 | 31 | | |
| SJ 00303 | 29N | 10W | 19 | 3 3 | | | | | 20 | 5 | 15 | | |
| SJ 02860 | 29N | 10W | 19 | 4 4 | 4 | | | | 21 | 2 | 19 | | |
| SJ 02900 | 29N | 10W | 20 | 3 1 | 2 | | | | 70 | | | | |
| SJ 01140 | 29N | 10W | 20 | 3 2 | 2 | | | | 25 | 6 | 19 | | |
| SJ 01990 | 29N | 10W | 20 | 4 1 | | | | | 40 | 12 | 28 | | |
| SJ 02548 | 29N | 10W | 20 | 4 4 | | | | | 12 | 2 | 10 | | |
| SJ 02547 | 29N | 10W | 20 | 4 4 | | | | | 12 | 2 | 10 | | |
| SJ 03535 | 29N | 10W | 21 | 3 2 | 3 | | | | 15 | | | | |
| SJ 03455 | 29N | 10W | 21 | 3 3 | 1 | | | | 20 | 17 | 3 | | |
| SJ 03456 | 29N | 10W | 21 | 3 3 | 2 | | | | 20 | 17 | 3 | | |
| SJ 03441 | 29N | 10W | 21 | 4 3 | 3 | | | | 40 | 30 | 10 | | |
| SJ 03470 | 29N | 10W | 21 | 4 3 | 4 | | | | 20 | 7 | 13 | | |
| SJ 01474 | 29N | 10W | 21 | 4 4 | | | | | 25 | | | | |
| SJ 03180 | 29N | 10W | 21 | 4 4 | 4 | | | | 50 | 15 | 35 | | |
| SJ 03713 POD1 | 29N | 10W | 22 | 2 3 | | | | | 265 | 20 | 245 | | |
| SJ 02820 | 29N | 10W | 23 | 4 1 | 1 | | | | 82 | 1,6 | 6,6 | | |
| SJ 02896 | 29N | 10W | 24 | 1 4 | 1 | | | | 110 | 34 | 76 | | |
| SJ 02275 | 29N | 10W | 24 | 1 4 | 2 | | | | 40 | 20 | 20 | | |
| SJ 00092 | 29N | 10W | 24 | 2 4 | 2 | | | | 33 | | | | |
| SJ 02802 | 29N | 10W | 24 | 3 1 | 2 | | | | 132 | 30 | 102 | | |
| SJ 02907 | 29N | 10W | 24 | 3 2 | 3 | | | | 60 | | | | |
| SJ 02122 | 29N | 10W | 25 | 4 1 | | | | | 60 | 12 | 48 | | |
| SJ 01019 | 29N | 10W | 26 | 4 3 | 3 | | | | 50 | 4 | 46 | | |
| | | | | | | | | | | | | | |

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| SJ | 01056 | 29N | 10W | 27 | 3 | 2 | | | | | 50 |
|----|------------|-----|-----|----|---|---|---|---|--------|---------|-----|
| SJ | 02216 | 29N | 10W | 28 | 1 | 2 | | | | | 30 |
| SJ | 03582 | 29N | 10W | 28 | 1 | 3 | 3 | | | | 10 |
| SJ | 02151 | 29N | 10W | 28 | 2 | 1 | 2 | W | 484600 | 2075600 | 3.7 |
| SJ | 03652 | 29N | 10W | 28 | 2 | 2 | 1 | | | | 34 |
| SJ | 03142 | 29N | 10W | 28 | 2 | 2 | 2 | | | | 38 |
| SJ | 03637 | 29N | 10W | 28 | 2 | 3 | 1 | | | | 21 |
| SJ | 03582 POD2 | 29N | 10W | 28 | 2 | 3 | 3 | | | | 28 |
| SJ | 02840 | 29N | 10W | 28 | 3 | 4 | 1 | | | | 55 |
| SJ | 00506 | 29N | 10W | 28 | 4 | 3 | | | | | 78 |
| SJ | 00662 | 29N | 10W | 28 | 4 | 4 | 3 | | | | 93 |
| SJ | 00497 | 29N | 10W | 29 | 3 | 2 | 3 | | | | 85 |
| SJ | 03777 POD1 | 29N | 10W | 29 | 4 | 4 | 2 | | 270344 | 2071311 | 100 |
| ŜJ | 00473 | 29N | 10W | 30 | 2 | 4 | | | | | 58 |
| SJ | 03743 POD1 | 29N | 10W | 33 | 4 | 4 | 3 | | | | 490 |
| SJ | 01051 | 29N | 10W | 35 | 2 | 2 | 2 | | | | 90 |
| SJ | 01050 | 29N | 10W | 36 | 1 | 4 | | | | | 85 |

Record Count: 49

5.0





Mines, Mills and Quarries Web Map

HARE 4

Unit Letter: O, Section: 25, Town: 029N, Range: 010W







HARE 4

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'HARE 4', which is located at 36.69207 degrees North latitude and 107.83257 degrees West longitude. This location is located on the Blanco 7.5' USGS topographic quadrangle. This location is in section 25 of Township 29 North Range 10 West of the Public Land Survey System (New Mexico Principal Meridian). This location is located in San Juan County, New Mexico. The nearest town is Blanco, located 2.2 miles to the north. The nearest large town (population greater than 10,000) is Farmington, located 20.9 miles to the west (National Atlas). The nearest highway is US Highway 64, located 1.5 miles to the north. The location is on Private land and is 232 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Upper San Juan. Colorado. New Mexico, Sub-basin. This location is located 1714 meters or 5621 feet above sea level and receives 10 inches of rain each year. The vegetation at this location is classified as Inter-Mountain Basins Semi-Desert Grassland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 93 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 4 feet to the southeast and is classified by the USGS as an intermittent stream. The nearest perennial stream is 3,558 feet to the north. The nearest water body is 2,504 feet to the north. It is classified by the USGS as an intermittent lake and is 0.1 acres in size. The nearest spring is 26,389 feet to the north. All stream, river, water body and spring information was determined as per the USGS Hydrographic Dataset (High Resolution), downloaded 3/2008. The nearest water well is 1,214 feet to the northwest. The nearest wetland is a 59.5 acre Freshwater Emergent Wetland located 2,494 feet to the north. The slope at this location is 2 degrees to the north as calculated from USGS 30M National Elevation Dataset. This information is also discerned from the aerial and topographic map included. The surface geology at this location is NACIMIENTO FORMATION -- Shale and sandstone with a Shale dominated formations of all ages substrate. The soil at this location is 'Stumble-Slickspots complex, gently sloping' and is somewhat excessively drained and not hydric with slight erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 19.0 miles to the north as indicated on the Mines, Mills and Quarries Map of New Mexico provided.

Regional Geological context:

The Nacimiento Formation is of Paleocene age (Baltz, 1967, p. 35). It crops out in a broad band inside the southern and western margins of the central basin and in a narrow band along the west face of the Nacimiento Uplift. The Nacimiento is a nonresistant unit and typically erodes to low, rounded hills or forms badland topography.

The Nacimiento Formation occurs in approximately only the southern two-thirds of the San Juan Basin where it conformably overlies and intertongues with the Ojo Alamo Sandstone (Fassett, 1974, p. 229). The Nacimiento Formation grades laterally into the main part of the Animas Formation (Fassett and Hinds, 1971, p. 34); thus, in this area, the two formations occupy the same stratigraphic interval.

Strata of the Nacimiento Formation were deposited in lakebeds in the central basin area with lesser deposition in stream channels (Brimhall, 1973, p. 201). In general, the Nacimiento consists of drab, interbedded black and gray shale with discontinuous, white, medium- to very coarse grained arkosic sandstone (Stone e al., 1983, p.30). Stone et al. indicated that the formation may contain more sandstone than commonly reported because some investigators assume the slope-forming strata in the unit area shales, whereas in many places the strata actually are poorly consolidated sandstones.

Total thickness of the Nacimiento Formation ranges from about 500 to 1,300 feet. The unit generally thickens from the basin margins toward the basin center (Steven et al., 1974). The sandstone deposits within the Nacimiento Formation are much thinner than the total thickness of the formation because their environment of deposition was localized stream channels (Brimhall, 1973, p. 201). The thickness of the combined San Jose, Animas, and Nacimiento Formations ranges from 500 to more than 3.500 feet.

Hydraulic Properties:

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Reported well yields for 53 wells completed in either the Animas or Nacimiento Formations range from 2 to 90 gallons per minute and the median yield is 7.5 gallons per minute. The primary use of water from Nacimiento and Animas Formations is domestic and livestock supplies. There are no known aquifer tests for the Animas or Nacimiento Formations, but specific capacities reported for six wells range from 0.24 to 2.30 gallons per minute per foot of drawdown (Levings et al., 1990).

The Animas and Nacimiento Formations are in many ways hydrologically similar to the San Jose Formation because sands in both units produce approximately the same quantities of water. However, the greater percentage of fine materials in the Animas and Nacimiento Formations may restrict downward vertical leakage to the Ojo Alamo Sandstone or Kirtland Shale. The poorly cemented fine material is highly erodible, forms a badland terrain, and supports only spotty vegetation. These conditions are more conductive to runoff than retention of precipitation.

References:

Baltz, E.H., 1967, Stratigraphy and regional tectonic implications of part of Upper Cretaceous rocks, eastcentral San Juan Basin, New Mexico: USGS Professional Paper 552, 101 p.

Brimhall, R.M., 1973, Ground-water hydrology of Tertiary rocks of the San Juan Basin, New Mexico, in Fassett, J.E., ed., Cretaceous and Tertiary rocks of the Southern Colorado Plateau: Four Corners Geological Society Memoir, p. 197-207.

Fassett, J.E., 1974, Cretaceous and Tertiary rocks of the eastern San Juan Basin, New Mexico and Colorado, in Guidebook of Ghost Ranch, central-northern New Mexico: New Mexico Geological Society, 25th Field Conference, p. 225-230.

Fassett, J.E., and Hinds, J.S., 1971, Geology and fuel resources of the Fruitland Formation and Kirtland Shale of the San Juan Basin, New Mexico and Colorado: USGS Professional Paper 676, 76 p. Levings, G.W., Craigg, S.d., Dam, W.L., Kernodle, J.M., and Thorn, C.R., 1990, Hydrogeology of the San Jose, Nacimiento, and Animas Formations in the San Juan structural basin, New Mexico, Colorado, Arizona, and Utah: USGS Hydrologic Investigations Atlas HA-720-A, 2 sheets.

Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., and Padgett, E.T., 1983, Hydrogeology and water resources of San Juan Basin, New Mexico: New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

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:

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

9. BR has equipped the below-grade tanks with the ability to detect high level in the tank and provide alarm notification and shutdown process streams into the tank. Once high level is detected RTU logic closes the inlet separator sales valve and does not permit vent valve to open. This shutdown of the sales valve and gagging of the vent valves prevents any hydrocarbon process streams from entering the pit tank once a high level is detected. Furthermore, an electronic page is sent to the BR MSO for that well site and to the designated contract "Water-Hauling" Company indicating a high level and that action must be taken to address this alarm. The environmental drain line from BR's compressor skid under normal operating conditions is in the open position. The environmental drain line is in place to capture any collected rain water or spilled lubricants from our compressor skids. The swab drain line is a manually operated drain and by normal operating procedures is in the closed position. The tank drain line is also a manually operated drain and during normal operations it is in the closed position.

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- 10. The geomembrane liner consists of a 45-mil flexible LLDPE material manufactured by Raven Industries as J45BB. This product is a four layer reinforced laminated containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. The J45BB is reinforced with 1300 denier (minimum) tri-directional scrim reinforcement. It exceeds ASTMD3083 standard by 10%. J45BB has a warranty for 20 years from Raven Industries and is attached. It is typically used in Brine Pond, Oilfield Pit liner and other industrial applications. The manufacture specific sheet is attached and the design attached displays the proper installation of the liner.
- 11. The general specification for design and construction are attached in the BR document.



PROPERTIES **TEST METHOD** J30BB J36BE J45BB Min. Roll Typical Roll Min. Roll Typical Roll Min. Roll Typical Roll **Averages** Averages Averages Averages Averages Averages Appearance Black/Black Black/Black Black/Black Thickness ASTM D 5199 27 mil 30 mil 32 mil 36 mil 40 mil 45 mil Weight Lbs Per MSF 126 lbs 140 lbs ASTM D 5261 151 lbs 168 lbs (oz/yd²) 189 lbs 210 lbs (18.14)(20.16)(21.74)(24.19)(27.21)(30.24)Construction **Extrusion laminated with encapsulated tri-directional scrim reinforcement **Ply Adhesion ASTM D 413** 16 lbs 20 lbs 19 lbs 24 lbs 25 lbs 31 lbs 88 lbf MD 1" Tensile Strength 110 lbf MD 90 lbf MD ASTM D 7003 113 lbf MD 110 lbf MD 138 lbf MD 63 lbf DD 79 lbf DD 70 lbf DD 87 lbf DD 84 lbf DD 105 lbf DD 1" Tensile Elongation @ 550 MD 750 MD 550 MD ASTM D 7003 750 MD Break % (Film Break) 550 MD 750 MD 550 DD 750 DD 550 DD 750 DD 550 DD 750 DD 1" Tensile Elongation @ 20 MD 33 MD ASTM D 7003 20 MD 30 MD Peak % (Scrim Break) 20 MD 36 MD 20 DD 33 DD 20 DD 31DD 20 DD 36 DD 75 lbf MD **Tongue Tear Strength** 97 lbf MD 75 lbf MD **ASTM D 5884** 104 lbf MD 100 lbf MD 117 lbf MD 75 lbf DD 90 lbf DD 75 lbf DD 92 lbf DD 100 lbf DD 118 lbf DD Grab Tensile 180 lbf MD 218 lbf MD 180 lbf MD 222 lbf MD **ASTM D 7004** 220 lbf MD 257 lbf MD 180 lbf DD 210 lbf DD 180 lbf DD 223 lbf DD 220 lbf DD 258 lbf DD 120 lbf MD Trapezoid Tear 146 lbf MD 130 lbf MD **ASTM D 4533** 189 lbf MD 160 lbf MD 193 lbf MD 120 lbf DD 141 lbf DD 130 lbf DD 160 lbf DD 172 lbf DD 191 lbf DD * Dimensional Stability ASTM D 1204 <1 < 0.5<1 <0.5 <1 < 0.5 Puncture Resistance

64 lbf

180° F

-70° F

MD = Machine Direction

Maximum Use Temperature

Minimum Use Temperature

DD = Diagonal Directions

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

65 lbf

180° F

-70° F

83 lbf

180° F

-70° F

*Dimensional Stability Maximum Value

50 lbf

180° F

-70° F

ASTM D 4833

**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 discialins all Cability for resulting loss or damage

RAVEN INDUSTRIES

PLANT LOCATION

Sioux Falls, South Dakota

SALES OFFICE

80 lbf

180° F

-70° F

99 lbf

180° F

-70° F

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



RAVEN INDUSTRIES INC. EXPOSED GEOMEMBRANE LIMITED WARRANTY

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

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

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

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

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

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

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

General Requirements:

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- BR shall close a below-grade tank within the time periods provided in Subsection A of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I o f19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) permitted below-grade tanks within 60 days of cessation of the below-grade tank's operation., or c) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, BR will file the C144 Closure Report as required.
- BR shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.
- 3. BR will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves. Documentation of how the below-grade tank was disposed of or recycled will be provided in the closure report.
- 4. If there is any on-site equipment associated with a below-grade tank, then BR shall remove the equipment, unless the equipment is required for some other purpose.
- 5. BR shall test the soils beneath the below-grade tank to determine whether a release has occurred. BR shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyze for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH division approves, does not exceed 100 mg/kg; and the chloride concentration, as determined by EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. BR shall notify the division of its results on form C-141.
- 6. If BR or the division determines that a release has occurred, then BR shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

- 7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, then BR shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.
- 8. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email or verbally. The notification of closure will include the following:
 - i. Operator's name

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- 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