

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
Revised April 3, 2017

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.  
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

218  
Pit, Below-Grade Tank, or  
Proposed Alternative Method Permit or Closure Plan Application

- Type of action:
- Below grade tank registration
  - Permit of a pit or proposed alternative method
  - Closure of a pit, below-grade tank, or proposed alternative method
  - Modification to an existing permit/or registration
  - Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.

Operator: DJR Operating, LLC OGRID #: 371838

Address: PO BOX 156 Bloomfield, NM 87413

Facility or well name: Schmitz Federal 34 #3

API Number: 30-039-24331 OCD Permit Number: \_\_\_\_\_

U/L or Qtr/Qtr J Section 34 Township 24N Range 1W County: Rio Arriba

Center of Proposed Design: Latitude 36.265092 Longitude -106.927071 NAD83

Surface Owner:  Federal  State  Private  Tribal Trust or Indian Allotment

OIL CONS. DIV DIST. 3

DEC 29 2017

2.

Pit: Subsection F, G or J of 19.15.17.11 NMAC

Temporary:  Drilling  Workover

Permanent  Emergency  Cavitation  P&A  Multi-Well Fluid Management Low Chloride Drilling Fluid  yes  no

Lined  Unlined Liner type: Thickness \_\_\_\_\_ mil  LLDPE  HDPE  PVC  Other \_\_\_\_\_

String-Reinforced

Liner Seams:  Welded  Factory  Other \_\_\_\_\_ Volume: \_\_\_\_\_ bbl Dimensions: L \_\_\_\_\_ x W \_\_\_\_\_ x D \_\_\_\_\_

3.

Below-grade tank: Subsection I of 19.15.17.11 NMAC

Volume: 95 bbl Type of fluid: Produced Water

Tank Construction material: Steel

Secondary containment with leak detection  Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off

Visible sidewalls and liner  Visible sidewalls only  Other Single wall tank

Liner type: Thickness \_\_\_\_\_ mil  HDPE  PVC  Other \_\_\_\_\_

4.

Alternative Method:

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.

**Fencing:** Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)

Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)

Four foot height, four strands of barbed wire evenly spaced between one and four feet

Alternate. Please specify 4' tall hog wire fence with pipe rail

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6. **Netting:** Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)  
 Screen  Netting  Other \_\_\_\_\_  
 Monthly inspections (If netting or screening is not physically feasible)

7. **Signs:** Subsection C of 19.15.17.11 NMAC  
 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers  
 Signed in compliance with 19.15.16.8 NMAC

8. **Variations and Exceptions:**  
 Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.  
**Please check a box if one or more of the following is requested, if not leave blank:**  
 Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.  
 Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9. **Siting Criteria (regarding permitting):** 19.15.17.10 NMAC  
**Instructions:** The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.

**General siting**

<p><b><u>Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.</u></b>  <input type="checkbox"/> NM Office of the State Engineer - iWATERS database search; <input type="checkbox"/> USGS; <input type="checkbox"/> Data obtained from nearby wells</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  <input type="checkbox"/> NA</p>
<p><b><u>Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.</u></b>          NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No  <input type="checkbox"/> NA</p>
<p>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. <b>(Does not apply to below grade tanks)</b>  <input type="checkbox"/> Written confirmation or verification from the municipality; Written approval obtained from the municipality</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Within the area overlying a subsurface mine. <b>(Does not apply to below grade tanks)</b>  <input type="checkbox"/> Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Within an unstable area. <b>(Does not apply to below grade tanks)</b>  <input type="checkbox"/> Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Within a 100-year floodplain. <b>(Does not apply to below grade tanks)</b>  <input type="checkbox"/> FEMA map</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>

**Below Grade Tanks**

<p>Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).  <input type="checkbox"/> Topographic map; Visual inspection (certification) of the proposed site</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;  <input type="checkbox"/> NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<b><u>Temporary Pit using Low Chloride Drilling Fluid</u> (maximum chloride content 15,000 mg/liter)</b>	
<p>Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)  <input type="checkbox"/> Topographic map; Visual inspection (certification) of the proposed site</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.  <input type="checkbox"/> Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet 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 search; Visual inspection (certification) of the proposed site</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>

<p>Within 100 feet of a wetland.</p> <ul style="list-style-type: none"> <li>- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p><b><u>Temporary Pit Non-low chloride drilling fluid</u></b></p>	
<p>Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).</p> <ul style="list-style-type: none"> <li>- Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</p> <ul style="list-style-type: none"> <li>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;</p> <ul style="list-style-type: none"> <li>- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 300 feet of a wetland.</p> <ul style="list-style-type: none"> <li>- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p><b><u>Permanent Pit or Multi-Well Fluid Management Pit</u></b></p>	
<p>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).</p> <ul style="list-style-type: none"> <li>- Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</p> <ul style="list-style-type: none"> <li>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.</p> <ul style="list-style-type: none"> <li>- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 500 feet of a wetland.</p> <ul style="list-style-type: none"> <li>- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No

10.

**Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC

*Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.*

Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC  
 Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC  
 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC  
 Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  
 Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC  
 Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

11.

**Multi-Well Fluid Management Pit 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.*

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  
 A List of wells with approved application for permit to drill associated with the pit.  
 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  
 Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC  
 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

12.

**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
- Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- Quality Control/Quality Assurance Construction and Installation Plan
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Nuisance or Hazardous Odors, including H<sub>2</sub>S, 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

13.

**Proposed Closure:** 19.15.17.13 NMAC

*Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.*

- Type:  Drilling  Workover  Emergency  Cavitation  P&A  Permanent Pit  Below-grade Tank  Multi-well Fluid Management Pit  
 Alternative
- Proposed Closure Method:  Waste Excavation and Removal  
 Waste Removal (Closed-loop systems only)  
 On-site Closure Method (Only for temporary pits and closed-loop systems)  
 In-place Burial  On-site Trench Burial  
 Alternative Closure Method

14.

**Waste Excavation and Removal Closure Plan Checklist:** (19.15.17.13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.

**Siting Criteria (regarding on-site closure methods only):** 19.15.17.10 NMAC

*Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.*

- |   |   |
|---|---|
| Ground water is less than 25 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is between 25-50 feet below the bottom of the buried waste<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is more than 100 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).<br>- Topographic map; Visual inspection (certification) of the proposed site                        | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.<br>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application.<br>- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Within 300 feet of a wetland.<br>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> No

16. **On-Site Closure Plan Checklist:** (19.15.17.13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

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 E of 19.15.17.13 NMAC  
 Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC  
 Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC  
 Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC  
 Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC  
 Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC  
 Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)  
 Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  
 Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC  
 Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17. **Operator Application Certification:**

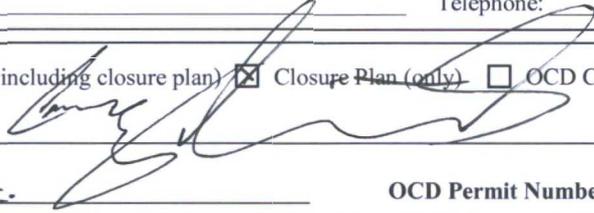
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_

18. **OCD Approval:**  Permit Application (including closure plan)  Closure Plan (only)  OCD Conditions (see attachment)

OCD Representative Signature:  Approval Date: 2/5/18

Title: Environmental Spa OCD Permit Number: \_\_\_\_\_

19. **Closure Report (required within 60 days of closure completion):** 19.15.17.13 NMAC

*Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.*

Closure Completion Date: 11-27-17

20. **Closure Method:**

Waste Excavation and Removal  On-Site Closure Method  Alternative Closure Method  Waste Removal (Closed-loop systems only)  
 If different from approved plan, please explain.

21. **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 for private land only)  
 Plot Plan (for on-site closures and temporary pits)  
 Confirmation Sampling Analytical Results (if applicable)  
 Waste Material Sampling Analytical Results (required for on-site closure)  
 Disposal Facility Name and Permit Number  
 Soil Backfilling and Cover Installation  
 Re-vegetation Application Rates and Seeding Technique  
 Site Reclamation (Photo Documentation)

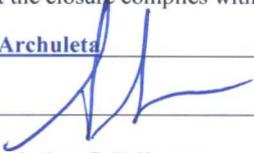
On-site Closure Location: Latitude 36.371089 Longitude -107.139608 NAD:  1927  1983

22.

**Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, 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): Amy Archuleta Title: Regulatory Supervisor

Signature:  Date: 12-27-17

e-mail address: aarchuleta@djrlc.com Telephone: (505) 632-3476 x201

**Scope of Closure Activities:**

The purpose of this closure plan is to provide the details of the activities involved in the closure of the BGT at the Leeson #1 well site. The following scope of closure activities has been designed to meet this objective:

- 1) DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will close all of the BGTs currently in service within the five (5) years allotted. DJR Operating, LLC does not operate any BGTs which would qualify to be upgraded or retrofitted; as such, they will be closing all their current BGT's and replacing them with above ground storage if necessary. **This closure was due by 2-26-14. It was not done until 11-29 -17.**
  
- 2) DJR Operating, LLC will close BGT's deemed to be an imminent danger to fresh water, public health, or the environment by an earlier date that the division requires as specified in subsection A of 19.15.17.13 NMAC  
**N/A**
  
- 3) DJR Operating will close any BGT which demonstrates a compromise of integrity before the five (5) years allotted by the division per Paragraph (6) of subsection I of 19.15.17.11 NMAC.  
**N/A**
  
- 4) DJR Operating, LLC will close any BGT within 60 days of cessation of the BGTs operation per Subsection A of 19.15.17.13 NMAC.  
**This location had a release and when that was cleaned up and approved we started closure plan on 10-30-17. Closure was complete as of 11-27-17.**
  
- 5) No less than 72 hours and no greater than on (1) week prior to BGT removal DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will provide written notification to the appropriate division district office as well as a schedule of on-site activities, as in accordance with 19.15.17.13 Subsection J Paragraph (2) NMAC. Written notification will include the name of the well operator, the well's API number, the wells name and number, and the well's unit letter, section, township and range.  
**Attached email to OCD sent on 6-23-17.**
  
- 6) No less than 24 hours and no greater than one week prior to beginning BGT closure activities DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will provide written notification to the appropriate surface owner, as in accordance with 19.15.17.13

Subsection J Paragraph (1) NMAC. DJR Operating, or a contractor acting on behalf of DJR Operating, will notify the surface owner by certified mail, return receipt requested, that the operator plans to close a BGT. The return receipt will be used to ensure that the surface owner has received written notification no less than 25 hrs. and no greater than one week prior to the beginning of BGT closure activities. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records is sufficient to demonstrate compliance with this requirement. Closure activities that will take place on tribal land will have notification sent by certified mail, return receipt requested, to the appropriate tribal office. DJR Operating, or a contractor acting on behalf of DJR Operating, will notify the BLM of closure activities for wells located on federal land per a Sundry Notice, as in accordance with 19.15.17.13 Subsection J Paragraph (1) NMAC. All notices will be sent in such a way that the surface owner received notice at least 24 hours prior to the beginning of the closure activities.

**Notified Land Owner on 6-24-17. Attached signed letter.**

- 7) DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will remove all liquids, and/or sludge, if applicable, prior to closure. Material will be disposed of at Industrial Ecosystems, Inc. (IEI) Landfarm, Permit #NM-01-0010B or Basin Disposal, Permit # NM-01-0005, depending on the consistence of the material removed, as in accordance with 19.15.17.13 Subsection E Paragraph (1) NMAC.

**Contaminated soil/liquid was taken to Industrial Ecosystems, Inc.**

- 8) DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will remove all on site equipment associated with this BGT that is no longer required for some other purpose, as in accordance with 19.15.17.13 Subsection E Paragraphs (3) NMAC.

**The equipment for this location is still being used. This is now an above ground tank.**

- 9) If applicable, any liners or leak detection system removed from a BGT closure will be cleaned off and disposed of at San Juan County Regional Landfill in accordance with Subparagraph (m) of Paragraph (1) of subsection D of 19.15.9.712 NMAC

**There were no liners present.**

- 10) DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will obtain prior approval from the OCD to dispose, recycle, reuse, or reclaim the BGT. DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will provide the OCD with documentation concerning the final disposition of the BGT with the closure report.

**The pit is being used on location as an above grade pit.**

11) Once the BGT is removed, a five (5)-point composite sample will be collected from directly below the tank or below the leak detection system if present. Grab samples will be collected from any areas that are wet, discolored, or showing other evidence of release. All samples being collected will be analyzed for benzene and total BTEX via USEAP Method 8021B, TPH via USEPA method 8015B, and chlorides, via USEPA 300.1, as in accordance with 19.15.17.13 Subsection E Paragraph (4) NMAC.

12) Depending on soil sample results, the area will be either backfilled or the area will be excavated.

- a. If soil samples do not exceed the regulatory standards of .02 mg/kg benzene, 50 mg/kg BTEX, 100 mg/kg TPH, and 250 mg/kg or background concentration of chlorides, as in accordance with 19.15.17.13 Subsection E Paragraph (4) NMAC.
  - i. DJR Operating, or a contractor acting on behalf of DJR Operating, shall submit a Form C-141 with the laboratory results so that the division may review the results to determine if additional delineation is required in accordance with Paragraph (5) of subsection E of 19.15.17.13 NMAC.
  - ii. DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will backfill the excavation or impacted area with nonwasted containing, earthen material, in accordance with 19.15.17.13 Subsection E Paragraph (6) NMAC. A soil cover shall be installed for all backfilled excavation consisting of the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater in accordance with Subsection H of 19.15.17.13 NMAC. The operator shall construct soil cover to the site's existing grade and prevent ponding of water and erosion of the cover material. **Soil from Land Owner was used to backfill location.**
  - iii. All areas of the well site that are no longer utilized on a day to day basis for the production of oil and/or gas, DJR Operating, or a contractor acting on behalf of DJR Operating, will substantially restore, recontour, and revegetate the areas, in accordance with 19.15.17.13 Subsections G and I NMAC. The operator shall notify the division when it has been re-seeded and when it has achieved successful re-vegetation. For re-

vegetation methods, please see attached re-vegetation plan.

**Area is still in use and will not be re-vegetated at this time.**

- b. If soil samples exceed the regulatory standards stated above.
  - i. DJR Operating will submit a Release Notification by Form C-141 with the appropriate analytical laboratory results to the appropriate division district office, in accordance with 19.15.17.13 Subsection E Paragraph (4) NMAC.
  - ii. In accordance with Paragraph (5) of Subsection E of 19.15.17.13 NMAC, once the operator or the OCD has determined that the release has occurred, DJR Operating, LLC, or a contractor acting on behalf of DJR Operating, will comply with rule 19.15.3.116 NMAC and 19.15.1.19 NMAC as appropriate.

**C-141 attached with Analytical results. The results were slightly above closure requirements. Requested to backfill via email to Cory Smith on 10-30-17. He gave approval to mix clean soil from the landowner into the pit.**

### **Reporting**

DJR Operating, LLC will submit a closure report within 60 days following the BGT closure. The closure report will consist of a form C-144 with all supporting data  and a form C-141 with all supporting data . The supporting data will include proof of closure notice to the surface owner and the OCD , confirmation of sampling analytical results , a site diagram , soil backfilling and cover installation , revegetation rates , re-seeding techniques , and a site reclamation photo documentation , if applicable, along with all other information related to onsite activities .

**Amy Archuleta  
Regulatory Supervisor  
DJR Operating, LLC**

## **Amy Archuleta**

---

**From:** Amy Archuleta  
**Sent:** Friday, June 23, 2017 1:20 PM  
**To:** Smith, Cory, EMNRD  
**Cc:** Wendell Tixier; Terry Lindeman; Kristen Gutierrez-Welch  
**Subject:** RE: Schmitz Federal 34-3 C-144 Permit API: 30-039-24331

Hi Cory,

This is our official notice that we will start excavating the BGT on the Schmitz Federal 34-3 on Wednesday, June 28<sup>th</sup>, 2017. We will provide written notice to the land owners tomorrow June 24<sup>th</sup>, 2017.

Here is the information on this well:

ELM RIDGE EXPLORATION CO LLC  
WELL NAME: Schmitz Federal 34-3  
API: 30-039-24331  
LOCATION: "J" – Sec 34-T24N-R1W  
Rio Arriba County, NM  
Lat: 36-265092 Lat: -106.927071

We plan to use Lindrith Backhoe & Oilfield Svcs.

Equipment to be used:

Trackhoe/Backhoe

Dump Truck

Steamer

Crew Truck

If you need any other information, please let me know.

Thanks!

  
Amy Archuleta



June 24, 2017

To Whom It May Concern:

Per the Below Grade Tank Closure Plan that was submitted to the NMOCD in January 2009. DJR Operating, LLC is required to give no less than 24 hours and no more than one (1) weeks notice that DJR Operating, LLC plans to close the Below Grade Tank (BGT) on the Schmitz Federal 34-3 located at "J" Section 34-T24N-R1W, Lat: 36.265092 Long: -106-927071 API: 30-039-24331.

This is our official notice that on Wednesday, June 28, 2017 we will removing this BGT. We then plan to test to the soil and upon acceptable results we will backfill the BGT.

If you have any questions of concerns, please feel free to contact me, Amy Archuleta at 505-320-6917 or Wendell Tixier at 505-320-1990.

Best Regards,

Amy Archuleta  
Regulatory Supervisor  
DJR Operating, LLC

Please sign and date this letter as record of notification.

Print Name: Peggy Stevenson

Signature: Peggy Stevenson

Date: 6-24-17

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-141  
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company <b>Elm Ridge Exploration CO LLC</b>	Contact <b>Amy Archuleta</b>
Address <b>PO BOX 156 Bloomfield, NM 87412</b>	Telephone No. <b>505-632-3476 x 201</b>
Facility Name <b>Schmitz Fed 34-3</b>	Facility Type <b>Oil</b>
Surface Owner <b>BLM</b>	Mineral Owner
API No. <b>30-039-24331</b>	

**LOCATION OF RELEASE**

Unit Letter <b>J</b>	Section <b>34</b>	Township <b>24N</b>	Range <b>01W</b>	Feet from the <b>1800</b>	North/South Line <b>South</b>	Feet from the <b>1800</b>	East/West Line <b>East</b>	County <b>Rio Arriba</b>
-------------------------	----------------------	------------------------	---------------------	------------------------------	----------------------------------	------------------------------	-------------------------------	-----------------------------

Latitude 36.26507 Longitude -106.92694 NAD83

**NATURE OF RELEASE**

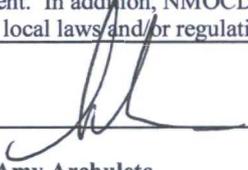
Type of Release <b>Stormwater / oil residual</b>	Volume of Release <b>0 This was not storm water.</b>	Volume Recovered <b>185 bbls storm water <i>oil residual</i></b>
Source of Release <b>Pit</b>	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Cory Smith contacted Amy Archuleta via Email on 5-8-17 stating the pit had run into the berm.	
By Whom?	Date and Hour <b>5-8-17 at 1:30pm</b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
**The 95 bbl BGT pit on location filled with storm water and the tank, that had no liquid in it, was floating inside the berm and tipped over allowing the residue of oil to mix with the storm water. There was no produced water in the pit. It only contained oily residue from years past. The water in the berm was caused by drainage issues on location. We sent a water truck to location and pumped out the storm water to empty the berm on 5-12-17.**

Describe Area Affected and Cleanup Action Taken.\*  
**The storm water stayed on location within the walls of the berm for the BGT. It is our intent to close this BGT and test the soil when the work is complete. We also plan to fix the storm water issues that currently exist on location.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<b><u>OIL CONSERVATION DIVISION</u></b>	
Printed Name: <b>Amy Archuleta</b>	Approved by Environmental Specialist:	
Title: <b>Regulatory Supervisor</b>	Approval Date:	Expiration Date:
E-mail Address: <b>aarchuleta@elmridge.net</b>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <b>5-17-17</b> Phone: <b>505-632-3476 x201</b>		

\* Attach Additional Sheets If Necessary # **NCS171565 1932**

**TABLE 1**  
**SOIL ANALYTICAL RESULTS**  
**SHCMITZ FEDERAL 34 #3**  
**DJR OPERATING, LLC**

<b>ANALYTE</b>	<b>SS01</b>	<b>SS02</b>	<b>SS03</b>	<b>SS04</b>	<b>SS05</b>	<b>UNITS</b>
Benzene	<0.050	<0.050	<0.050	<0.050	<0.050	mg/kg
Toluene	<0.050	<0.050	<0.050	<0.050	<0.050	mg/kg
Ethylbenzene	<0.050	<0.050	<0.050	<0.050	<0.050	mg/kg
Total Xylenes	<0.150	<0.150	<0.150	<0.150	<0.150	mg/kg
Total BTEX	<0.300	<0.300	<0.300	<0.300	<0.300	mg/kg
TPH	716	2480	11300	763	380	mg/kg
Chloride	<11.8	-	-	-	-	mg/kg

**Notes:**

Samples were collected on 07/13/2017.

All samples are 5-point composite samples. SS01 was collected from pit base and SS02-SS05 were collected from pit sidewalls.

BTEX- Benzene, Toluene, Ethylbenzene, Total Xylenes

TPH - Total Petroleum Hydrocarbons



All samples are 5-point composite samples. SS01 was collected from pit base and SS02-SS05 were collected from pit sidewalls.

**Legend**

-  Oil & Gas Well
-  Soil Sample Location
-  Pit

Project Location: Sec 23 T24N R10W, Rio Arriba Cty, NM

**Cottonwood**  
CONSULTING 

Mapping by: H. Ertl, 7/27/17  
Coordinate System:  
NAD 1983 UTM Zone 13 N

**SOIL SAMPLE LOCATION MAP**  
**SCHMITZ FEDERAL 34 #3**  
**DJR OPERATING, LLC**



75 Suttle Street  
Durango, CO 81303  
970.247.4220 Phone  
970.247.4227 Fax  
[www.greenanalytical.com](http://www.greenanalytical.com)

25 July 2017

Kyle Siesser  
Cottonwood Consulting  
PO Box 1653  
Durango, CO 81302  
RE: BTEX/TPH, CI

Enclosed are the results of analyses for samples received by the laboratory on 07/13/17 15:15.  
If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads 'Debbie Zufelt'.

Debbie Zufelt  
Reports Manager

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water.

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8.



dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: BTEX/TPH, Cl  
Project Name / Number: Schmitz Federal 34 #3  
Project Manager: Kyle Siesser

Reported:  
07/25/17 09:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS01	1707110-01	Solid	07/13/17 10:30	07/13/17 15:15
SS02	1707110-02	Solid	07/13/17 10:40	07/13/17 15:15
SS03	1707110-03	Solid	07/13/17 10:50	07/13/17 15:15
SS04	1707110-04	Solid	07/13/17 11:00	07/13/17 15:15
SS05	1707110-05	Solid	07/13/17 11:10	07/13/17 15:15

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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www.GreenAnalytical.com

Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: BTEX/TPH, Cl  
Project Name / Number: Schmitz Federal 34 #3  
Project Manager: Kyle Siesser

Reported:  
07/25/17 09:11

**SS01**

**1707110-01 (Solid)**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
<b>General Chemistry</b>									
% Dry Solids	84.9			%	1	07/18/17	EPA160.3/1684		LLG
<b>Soluble (DI Water Extraction)</b>									
Chloride	<11.8	11.8	1.69	mg/kg dry	10	07/20/17	EPA300.0		JDA

Subcontracted -- Cardinal Laboratories

**Organic Compounds**

TPH 418.1	716	100	13.5	mg/kg	10	07/21/17	418.1		BF
<b>Volatile Organic Compounds by EPA Method 8021</b>									
Benzene*	<0.050	0.050	0.002	mg/kg	50	07/20/17	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	07/20/17	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	07/20/17	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	07/20/17	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	07/20/17	8021B		MS
Surrogate: 4-Bromofluorobenzene (PID)			106 %	72-148		07/20/17	8021B		MS

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Cottonwood Consulting  
 PO Box 1653  
 Durango CO, 81302

Project: BTEX/TPH, CI  
 Project Name / Number: Schmitz Federal 34 #3  
 Project Manager: Kyle Siesser

Reported:  
 07/25/17 09:11

**SS02**

**1707110-02 (Solid)**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories

**Organic Compounds**

TPH 418.1	2480	100	13.5	mg/kg	10	07/21/17	418.1		BF
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050	0.050	0.002	mg/kg	50	07/20/17	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	07/20/17	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	07/20/17	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	07/20/17	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	07/20/17	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)			105 %	72-148		07/20/17	8021B		MS
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Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Cottonwood Consulting PO Box 1653 Durango CO, 81302	Project: BTEX/TPH, CI Project Name / Number: Schmitz Federal 34 #3 Project Manager: Kyle Siesser	Reported: 07/25/17 09:11
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SS03

1707110-03 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- Cardinal Laboratories

**Organic Compounds**

TPH 418.1	11300	100	13.5	mg/kg	10	07/21/17	418.1		BF
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050	0.050	0.002	mg/kg	50	07/20/17	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	07/20/17	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	07/20/17	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	07/20/17	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	07/20/17	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)			104 %	72-148		07/20/17	8021B		MS
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Debbie Zufelt, Reports Manager

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Cottonwood Consulting PO Box 1653 Durango CO, 81302	Project: BTEX/TPH, Cl Project Name / Number: Schmitz Federal 34 #3 Project Manager: Kyle Siesser	Reported: 07/25/17 09:11
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SS04

1707110-04 (Solid)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted – Cardinal Laboratories

**Organic Compounds**

TPH 418.1	763	100	13.5	mg/kg	10	07/21/17	418.1		BF
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050	0.050	0.002	mg/kg	50	07/20/17	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	07/20/17	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	07/20/17	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	07/20/17	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	07/20/17	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)			106 %	72-148		07/20/17	8021B		MS
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Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Cottonwood Consulting PO Box 1653 Durango CO, 81302	Project: BTEX/TPH, CI Project Name / Number: Schmitz Federal 34 #3 Project Manager: Kyle Siesser	Reported: 07/25/17 09:11
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**SS05**

**1707110-05 (Solid)**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Subcontracted -- **Cardinal Laboratories**

**Organic Compounds**

TPH 418.1	380	100	13.5	mg/kg	10	07/21/17	418.1		BF
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050	0.050	0.002	mg/kg	50	07/20/17	8021B		MS
Toluene*	<0.050	0.050	0.002	mg/kg	50	07/20/17	8021B		MS
Ethylbenzene*	<0.050	0.050	0.004	mg/kg	50	07/20/17	8021B		MS
Total Xylenes*	<0.150	0.150	0.010	mg/kg	50	07/20/17	8021B		MS
Total BTEX	<0.300	0.300	0.018	mg/kg	50	07/20/17	8021B		MS

Surrogate: 4-Bromofluorobenzene (PID)			106 %	72-148		07/20/17	8021B		MS
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Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Cottonwood Consulting PO Box 1653 Durango CO, 81302	Project: BTEX/TPH, CI Project Name / Number: Schmitz Federal 34 #3 Project Manager: Kyle Siesser	Reported: 07/25/17 09:11
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**General Chemistry - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B707102 - General Prep - Wet Chem**

<b>Duplicate (B707102-DUP1)</b>	Source: 1707057-01		Prepared & Analyzed: 07/18/17							
% Dry Solids	83.8		%		94.1			11.6	20	

**Soluble (DI Water Extraction) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B707153 - General Prep - Wet Chem**

<b>Blank (B707153-BLK1)</b>	Prepared: 07/19/17		Analyzed: 07/20/17							
Chloride	ND	10.0	mg/kg wet							
<b>LCS (B707153-BS1)</b>	Prepared: 07/19/17		Analyzed: 07/20/17							
Chloride	236	10.0	mg/kg wet	250		94.2	85-115			
<b>LCS Dup (B707153-BSD1)</b>	Prepared: 07/19/17		Analyzed: 07/20/17							
Chloride	232	10.0	mg/kg wet	250		92.7	85-115	1.69	20	

**Organic Compounds - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7072102 - Solvent Extraction**

<b>Blank (7072102-BLK1)</b>	Prepared & Analyzed: 07/21/17									
TPH 418.1	ND	100	mg/kg							
<b>LCS (7072102-BS1)</b>	Prepared & Analyzed: 07/21/17									
TPH 418.1	5160	100	mg/kg	5000		103	70-130			
<b>LCS Dup (7072102-BSD1)</b>	Prepared & Analyzed: 07/21/17									
TPH 418.1	5040	100	mg/kg	5000		101	70-130	2.37	20	

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Cottonwood Consulting PO Box 1653 Durango CO, 81302	Project: BTEX/TPH, CI Project Name / Number: Schmitz Federal 34 #3 Project Manager: Kyle Siesser	Reported: 07/25/17 09:11
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**Volatile Organic Compounds by EPA Method 8021 - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 7072005 - Volatiles**

**Blank (7072005-BLK1)**

Prepared & Analyzed: 07/20/17

Surrogate: 4-Bromofluorobenzene (PID)	0.0527		mg/kg	0.0500		105	72-148			
Benzene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

**LCS (7072005-BS1)**

Prepared & Analyzed: 07/20/17

Surrogate: 4-Bromofluorobenzene (PID)	0.0517		mg/kg	0.0500		103	72-148			
Benzene	1.93	0.050	mg/kg	2.00		96.7	79.5-124			
Ethylbenzene	1.86	0.050	mg/kg	2.00		93.2	77.7-125			
Toluene	1.79	0.050	mg/kg	2.00		89.3	75.5-127			
Total Xylenes	5.55	0.150	mg/kg	6.00		92.5	70.9-124			

**LCS Dup (7072005-BSD1)**

Prepared & Analyzed: 07/20/17

Surrogate: 4-Bromofluorobenzene (PID)	0.0524		mg/kg	0.0500		105	72-148			
Benzene	1.98	0.050	mg/kg	2.00		99.1	79.5-124	2.40	6.5	
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.4	77.7-125	2.29	7.83	
Toluene	1.84	0.050	mg/kg	2.00		91.8	75.5-127	2.75	7.02	
Total Xylenes	5.70	0.150	mg/kg	6.00		95.0	70.9-124	2.64	7.78	

Green Analytical Laboratories

*Debbie Zufelt*

Debbie Zufelt, Reports Manager

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Cottonwood Consulting  
PO Box 1653  
Durango CO, 81302

Project: BTEX/TPH, CI  
Project Name / Number: Schmitz Federal 34 #3  
Project Manager: Kyle Siesser

Reported:  
07/25/17 09:11

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
\*Results reported on as received basis unless designated as dry.  
RPD Relative Percent Difference  
LCS Laboratory Control Sample (Blank Spike)  
RL Report Limit  
MDL Method Detection Limit

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-138  
Revised August 1, 2011

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

\*Surface Waste Management Facility Operator  
and Generator shall maintain and make this  
documentation available for Division inspection.

**REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE**

1. Generator Name and Address: DJR Operating, LLC (Elm Ridge)	E-MAILED 6/28/17 to IEI
2. Originating Site: Schmitz Federal 34 3 API: 30-039-24331	
3. Location of Material (Street Address, City, State or ULSTR): J- Section 34 -T24N-R01W Rio Arriba County, NM (Lat: 36.2650718496 Long: -106.926964579)	
4. Source and Description of Waste: Contaminated Soil from removal of below grade pit containing sulfites and hydrocarbons. Estimated Volume: 12 yd <sup>3</sup> / bbls Known Volume (to be entered by the operator at the end of the haul): 12 yd <sup>3</sup> bbls	
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS I, <u>Nicole Alley</u> , representative or authorized agent for <u>DJR Operating, LLC</u> do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification) <input checked="" type="checkbox"/> RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed exempt waste. <u>Operator Use Only</u> <u>Waste Acceptance Frequency</u> <input type="checkbox"/> Monthly <input type="checkbox"/> Weekly <input type="checkbox"/> Per Load <input type="checkbox"/> RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous (check the appropriate items) <input type="checkbox"/> MSDS Information <input type="checkbox"/> RCRA Hazardous Waste Analysis <input type="checkbox"/> Process Knowledge <input type="checkbox"/> Other (Provide description)	
6. GENERATOR FOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS I, <u>Nicole Alley</u> , representative for <u>DJR Operating, LLC</u> do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and results have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMCA. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 19.15.36 NMCA.	
5. Transporter: Lindrith Backhoe	

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: JFJ Landfarm / Industrial Ecosystems, INC, Permit # NM 01-0010B

Address of Facility: #49 CR 3150 Aztec, NM 87410

Method of Treatment and/or Disposal:

- Evaporation  Injection  Treating Plant  Landfarm  Landfill  Other

Waste Acceptance Status:

APPROVED

DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: K Welling

TITLE: Clerk

DATE: 6/28/17

SIGNATURE: K Welling

TELEPHONE NO.: 505-217-1822

Surface Waste Management Facility Authorized Agent



envirotech

Bill of Lading

MANIFEST # 57250  
GENERATOR DJR  
POINT OF ORIGIN Schmitz Fed 34-3  
TRANSPORTER Lindrith Backhoe  
DATE 8-9-17 JOB # 17035-0008

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFI 5	CON + SOIL	H17	12			69	935	[Signature]
2	LFI 5	" "	H17	12			69	1327	[Signature]
				24					

RESULTS			LANDFARM EMPLOYEE	Garry Robinson EL Certification of above receipt & placement	NOTES
<298	CHLORIDE TEST	1			
	PAINT FILTER TEST	1			

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

Signatures required prior to distribution of the legal document. DISTRIBUTION: White - Company Records, Yellow - Billing, Pink - Customer, Goldenrod - LF Copy



# Bill of Lading

MANIFEST # **57282**  
 GENERATOR **DJR**  
 POINT OF ORIGIN **Schmitz Federal 34-3**  
 TRANSPORTER **Lindith Backhoe**  
 DATE **8.10.17** JOB # **17035-0008**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII.5	Cont + Soil	H-17	12	-		69	900	<i>[Signature]</i>
2	"	"	H-17	12	-		69	13810	<i>[Signature]</i>
				24					

RESULTS		LANDFARM EMPLOYEE	<i>[Signature]</i>	EL	NOTES
< 298	CHLORIDE TEST 1				
	PAINT FILTER TEST 1	Certification of above receipt & placement			

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

