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.

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

BGT 1

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.

NMOCD
FEB 18 2019
DISTRICT III

Operator: DJR Operating, LLC OGRID #: 371838

Address: PO BOX 156 Bloomfield, NM 87413

Facility or well name: Rincon 19 3

API Number: 30-039-24921 OCD Permit Number: N/A

U/L or Qtr/Qtr E: Section 19 Township 24N Range 06W County: Rio Arriba

Center of Proposed Design: Latitude 36.299858 Longitude -107.515455 NAD83

Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

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: 18 bbl Type of fluid: produced water

Tank Construction material: Galvanized.

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

☐ Visible sidewalls and liner ☒ Visible sidewalls only ☐ Other _____

Liner type: Thickness _____mil ☐ HDPE ☐ PVC ☐ Other _____

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_____

40

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.

Variances 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	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☒ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☒ NA
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. **(Does not apply to below grade tanks)** - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. **(Does not apply to below grade tanks)** - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. **(Does not apply to below grade tanks)** - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
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.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied 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 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	☐ Yes ☐ No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
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). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
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; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
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). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 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 spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ 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_2S, 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. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ 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). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ 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. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ 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:** 3/4/19

Title: Environmental Spec. **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:** 2-15-19

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 36.299858 Longitude -107.515455 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

Signature: Date: 2-15--19

e-mail address: aarchuleta@djrllc.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 **Rincon 19 3** 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.

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.
   BGT was removed on 2-5-2019

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

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 he 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 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.
Email was sent to BLM and OCD on 2-5-2019 to notify them of the release and BGT removal.

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 was taken to a contaminated storage box at our Lybrook Yard.

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.
All equipment related to BGT was removed.

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 was not a pit liner 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 BGT was thoroughly cleaned and disposed of at the Lybrook yard in DJR's scrape metal bin.

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.
        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. **This area is still in use and has not been 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.

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
DJR Operating, LLC

Amy Archuleta

From: Amy Archuleta
Sent: Tuesday, February 5, 2019 4:54 PM
To: cory.smith@state.nm.us; aelmadani@blm.gov; vanessa.fields@state.nm.us
Subject: BGT -Rincon 19 003 30-039-24921 SW/NW Sec 19-24N-06W

All:

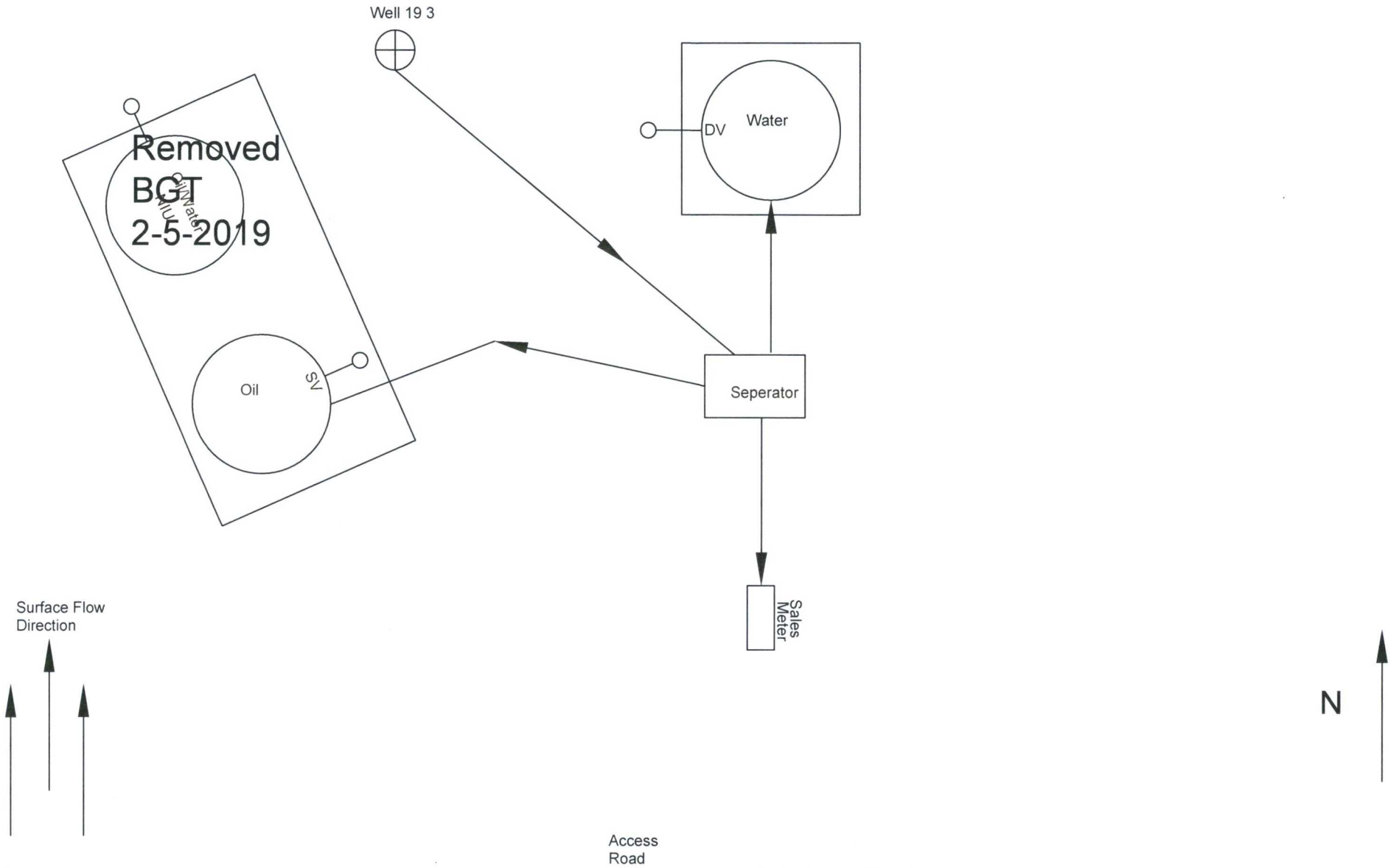
While fixing the BGT on this location seeping from the BGT was observed. We suspect a possible release.
This BGT was pulled and the soil excavated. I would like to sample the area on **Friday, February 8, 2019 at 10am**.

30-039-24921 RINCON 19 #003

General Well Information
Operator: [371838] DJR OPERATING, LLC
Status: Active
Well Type: Oil
Work Type: New
Direction: Vertical
Multi-Lateral: No
Mineral Owner: Federal
Surface Owner:
Surface Location: E-19-24N-06W Lot: 2 1840 FNL 990 FWL
Lat/Long: 36.2998428,-107.5155106 NAD83
GL Elevation: 6909

Thank you,

Amy Archuleta
Phone: 505-632-3476 x201
Cell: 505-320-6917
DJR Operating



DJR Operating

SV = Sales Valve
DV = Drain Valve

Rincon 19 3
Lease # NMSF 078562
API # 30-039-24921
T24N, R6W, Sec. 19
Lat. 36.2998481243
Long. -107.515496793

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-138
Revised August 1, 2011

*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 1 Road 3263, Aztec, NM 87410

2. Originating Site:
Lybrook Yard Rincon 19-3 lyrd.

3. Location of Material (Street Address, City, State or ULSTR):
NWNE Unit: B Sec.14-T23N-R07W Rio Arriba County, NM

4. Source and Description of Waste:
Sludge & tank bottoms containing iron sulfites and hydrocarbons from flowback tanks located in the Lybrook Yard.

Estimated Volume: 10 yd^3 / bbls Known Volume (to be entered by the operator at the end of the haul) 5 yd^3 / bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Shaw-Marie Crues, representative or authorized agent for DJR Operating, LLC 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)

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. *Operator Use Only: Waste Acceptance Frequency* ☒ *Monthly* ☐ *Weekly* ☐ *Per Load*

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Shaw-Marie Crues, representative for DJR Operating, LLC authorize Industrial Ecosystems Inc., to complete the required testing/sign the Generator Waste Testing Certification.

I, Betty Pryden, representative for IEI do hereby certify that
Representative/Agent Signature
samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to land farms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

6. Transporter:
Calder Services (505) 325-8771

OCD Permitted Surface Waste Management Facility

Facility Name: JFJ Landfarm Industrial Ecosystems, Inc. Permit #: NM-01-0010B

CL-448
PH-7

Address of Facility: #49 County Road 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: BETTY PRYDEN TITLE: Clerk DATE: 1-29-18

SIGNATURE: Betty Pryden TELEPHONE NO.:
Surface Waste Management Facility Authorized Agent

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-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party **DJR Operating, LLC**	OGRID: 371838
Contact Name **Amy Archuleta**	Contact Telephone **505-632-3476**
Contact email **aarchuleta@djrllc.com**	Incident # *(assigned by OCD)*
Contact mailing address: **1 Road 3263 Aztec, NM 87410**	

Location of Release Source

Latitude: **36.299858** Longitude: **-107.515455**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: **Rincon 19 #003**	Site Type **Well Location**
Date Release Discovered: **2-5-2019**	API# **30-039-24921**

Unit Letter	Section	Township	Range	County
E	**19**	**24N**	**06W**	**Rio Arriba**

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) **Unknown**	Volume Recovered (bbls) **1 yrd of soil**
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: There was a suspected release under the BGT at this location. The BGT was uneven and had holes in one side of it. DJR Removed the BGT and excavated the possibly contaminated area. The BGT will be closed.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: Amy Archuleta Title: Regulatory

Signature: Date: 2-15-2018

email: aarchuleta@djrllc.com Telephone: 505-632-3476

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	>100 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release 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?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: Amy Archuleta Title: Regulatory

Signature: Date: 2-5-2019

email: aarchuleta@djrllc.com Telephone: 505-632-3476

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Amy Archuleta Title: Regulatory

Signature: Date: 2/15/19

email: aarchuleta@djrllc.com Telephone: 505-632-3476

OCD Only

Received by: Date:

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Date:

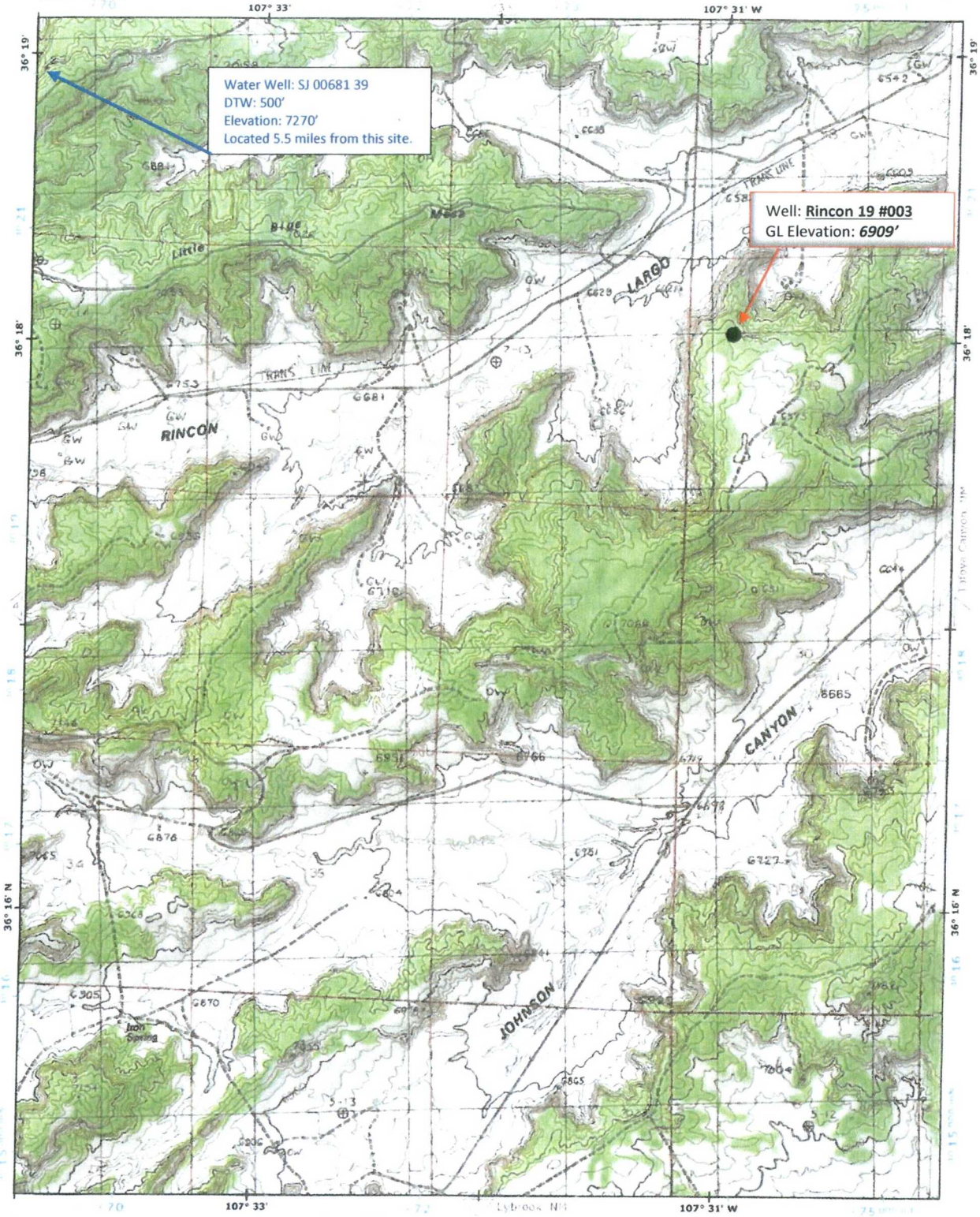
Printed Name: Title:

Rinncon 19-3
30-039-24921
75 sq ft area

NATIONAL GEOGRAPHIC

Crow Mesa East, NM

USGS 7.5' Map Series (5)

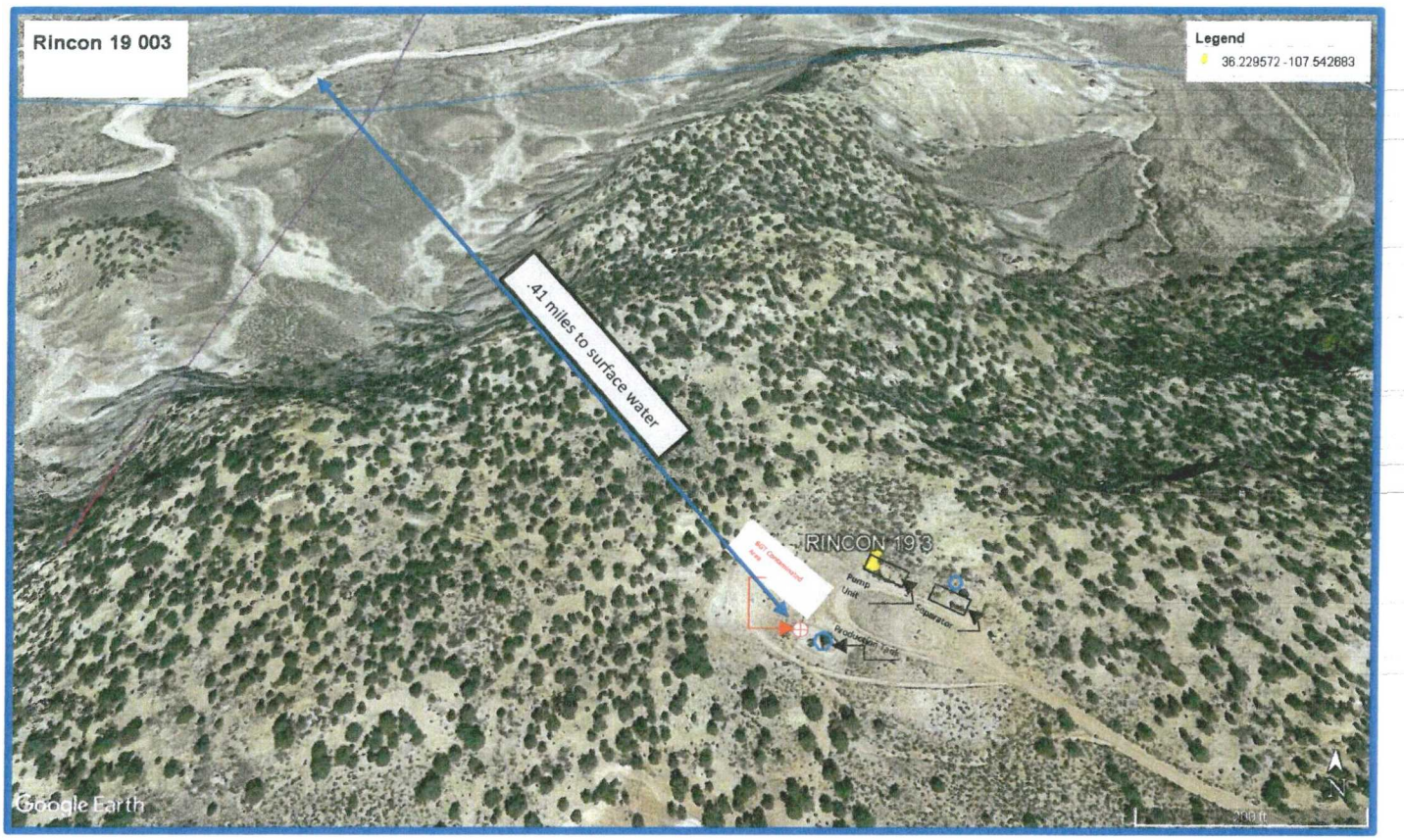


0 .5 1 MILES | 0 1000 2000 4000 5000 FEET | 1 .5 0 KILOMETERS 1 | 1000 0 METERS 1000

NAD83/WGS84 UTM Zone 13

© 2016 National Geographic Society. Please refer to index map on page 1 for more details. User assumes all risk associated with the use of this map.

Well Name: Rincon 19 #003 API: 30-039-24921 Lat: 36.299858 Long: -107.515455



Depth to Ground Water Determination	
Site Hydrology	C 144 submitted in 2009 assessed ground water at 200'
Water Wells	SJ 00681 39 located 5.5 miles NW, shows ground water at 500' from a 7270' elevation. SJ 01156 shows ground water at 200' from 6900'. Putting this DTW **greater than 100'**.

➢ 100 feet	Chloride***	EPA 300.0	20,000 mg/kg
	TPH	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Depth Well	Depth Water	Water Column
SJ 01156		SJ	RA	2	2	1	18	23N	06W	274330	4012555*	1500	200	1300

Average Depth to Water: **200 feet**

Minimum Depth: **200 feet**

Maximum Depth: **200 feet**

Record Count: 1

PLSS Search:

Section(s): 18 **Township:** 23N **Range:** 06W

***UTM location was derived from PLSS - see Help**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

2/5/19 5:28 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
SJ 00681 37		SJ	RA	2	1	1	15	24N	07W	269408	4022501*	190		
SJ 00681 39		SJ	RA	4	2	2	18	24N	07W	265824	4022392*	1825	500	1325
SJ 01131		SJ	RA		1	4	19	24N	07W	265313	4020131*	1700	400	1300
SJ 01335		SJ	RA			1	31	24N	07W	264672	4017581*	185		

Average Depth to Water: **450 feet**

Minimum Depth: **400 feet**

Maximum Depth: **500 feet**

Record Count: 4

PLSS Search:

Township: 24N **Range:** 07W

***UTM location was derived from PLSS - see Help**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

2/5/19 4:31 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer

Wells with Well Log Information

No wells found.

PLSS Search:

Section(s): 19 **Township:** 24N **Range:** 06W

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

No PODs found.

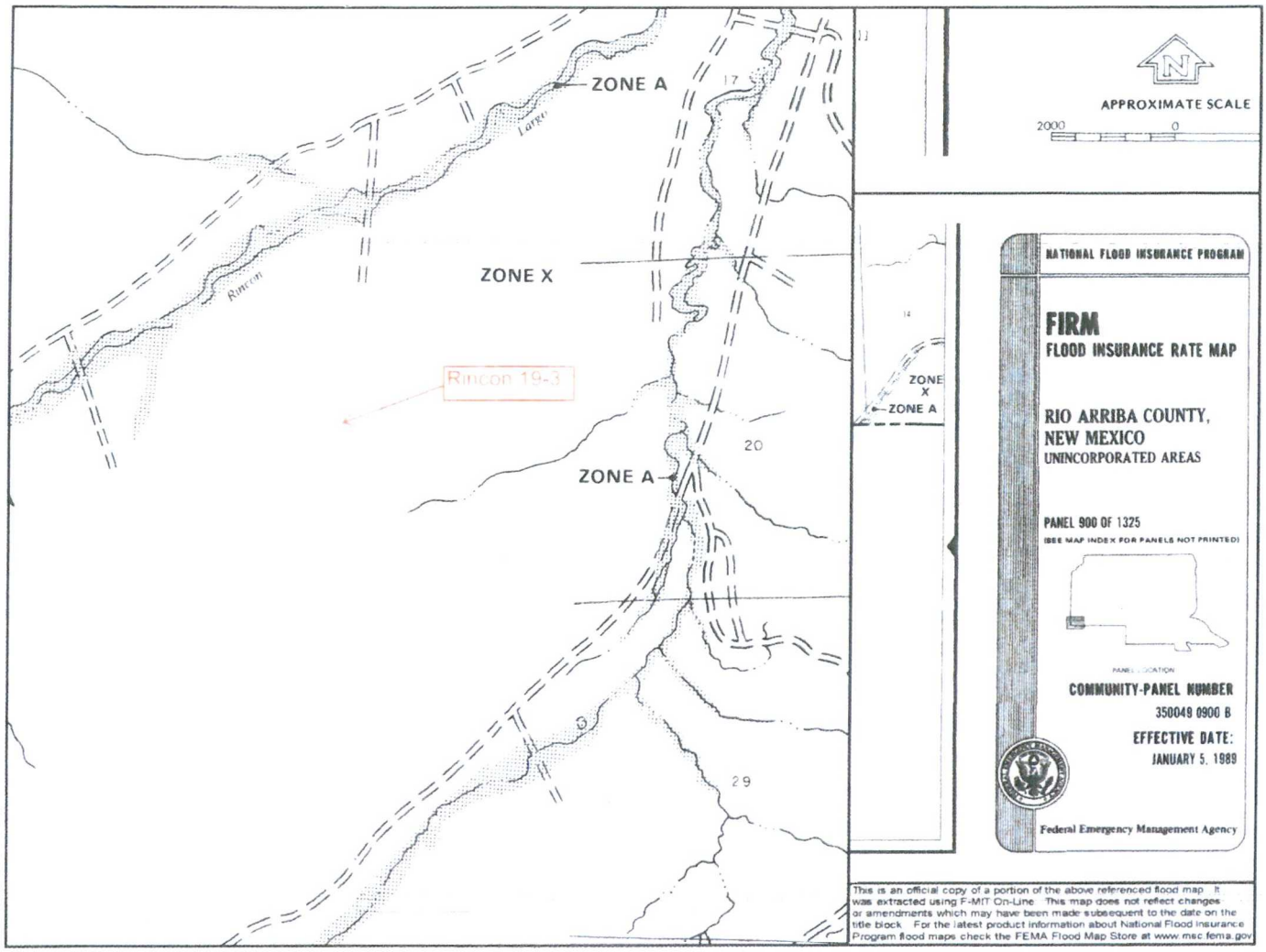
POD Search:

POD Basin: San Juan

PLSS Search:

Section(s): 19 **Township:** 24N **Range:** 06W

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: DJR Operating, LLC

Chain Of Custody Number:

Samples Received: 2/11/2019 8:00:00AM

Job Number: 17035-0028

Work Order: P902016

Project Name/Location: Rincon 19-3 BGT

Report Reviewed By: Walter Hinchman Date: 2/13/19

Walter Hinchman, Laboratory Director

Date: 2/13/19

Tim Cain, Project Manager

NELAP ACCREDITED TNI LABORATORY

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.
Envirotech, Inc, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

envirotech
Analytical Laboratory

DJR Operating, LLC	Project Name:	Rincon 19-3 BGT	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	02/13/19 13:16

Rincon 19-3 BGT
P902016-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
Toluene	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
Ethylbenzene	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
p,m-Xylene	ND	50.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
o-Xylene	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
Total Xylenes	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*50-150*		*1907002*	*02/11/19*	*02/11/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1907002	02/11/19	02/11/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1907006	02/11/19	02/12/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1907006	02/11/19	02/12/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*50-150*		*1907002*	*02/11/19*	*02/11/19*	*EPA 8015D*	
Surrogate: n-Nonane		*88.9 %*	*50-200*		*1907006*	*02/11/19*	*02/12/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1907015	02/12/19	02/12/19	EPA 300.0/9056A	

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envirotech
Analytical Laboratory

DJR Operating, LLC	Project Name:	Rincon 19-3 BGT	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	02/13/19 13:16

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1907002 - Purge and Trap EPA 5030A										
Blank (1907002-BLK1)				Prepared: 02/11/19 0 Analyzed: 02/11/19 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*"*	*8.00*		*91.5*	*50-150*			
LCS (1907002-BS2)				Prepared: 02/11/19 0 Analyzed: 02/11/19 1						
Gasoline Range Organics (C6-C10)	57.9	20.0	mg/kg	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*"*	*8.00*		*93.5*	*50-150*			
Matrix Spike (1907002-MS2)		**Source: P902014-01**		Prepared: 02/11/19 0 Analyzed: 02/11/19 2						
Gasoline Range Organics (C6-C10)	57.9	20.0	mg/kg	50.0	ND	116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*"*	*8.00*		*93.3*	*50-150*			
Matrix Spike Dup (1907002-MSD2)		**Source: P902014-01**		Prepared: 02/11/19 0 Analyzed: 02/11/19 2						
Gasoline Range Organics (C6-C10)	57.8	20.0	mg/kg	50.0	ND	116	70-130	0.0951	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*"*	*8.00*		*93.3*	*50-150*			

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envirotech
Analytical Laboratory

DJR Operating, LLC	Project Name:	Rincon 19-3 BGT	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	02/13/19 13:16

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1907015 - Anion Extraction EPA 300.0/9056A										
Blank (1907015-BLK1)				Prepared & Analyzed: 02/12/19 1						
Chloride	ND	20.0	mg/kg							
LCS (1907015-BS1)				Prepared & Analyzed: 02/12/19 1						
Chloride	252	20.0	mg/kg	250		101	90-110			
Matrix Spike (1907015-MS1)		**Source: P902022-01**		Prepared & Analyzed: 02/12/19 1						
Chloride	562	20.0	mg/kg	250	303	104	80-120			
Matrix Spike Dup (1907015-MSD1)		**Source: P902022-01**		Prepared & Analyzed: 02/12/19 1						
Chloride	536	20.0	mg/kg	250	303	93.4	80-120	4.68	20	

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Project Information — Chain of Custody

Client:	DSR operating LLC
Project:	Rincon 19-3 BGT
Project Manager:	A Archuleta
Address:	1 Road 3263
City, State, Zip	Aztec, NM 87410
Phone:	505-320-6917
Email:	aarchuleta@dirllc.com

Report Attention

Report due by:	2/15/19
Attention:	Amy Archuleta
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO#	Job Number
P ~~P020116~~ 902016	17035-0028

TAT		EPA Program		
1D	3D	RCRA	CWA	SDWA

State: NM | CO | UT | AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1					Remarks
10:00 am	2/8/19	S	2	Rincon 19-3 BGT		X	X	X			X						

Additional Instructions: V.S Ice in Cooler

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: _____

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/11/19	8:00 am	Jessa A. [illegible]	2/11/19	8:00AM
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above [illegible] laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three 65 Mercado Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fx 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

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Analytical Report

Report Summary

Client: DJR Operating, LLC
Chain Of Custody Number:
Samples Received: 2/11/2019 8:00:00AM
Job Number: 17035-0028
Work Order: P902016
Project Name/Location: Rincon 19-3 BGT

Report Reviewed By: Walter Hinchman, Laboratory Director — Date: 2/13/19

Tim Cain, Project Manager — Date: 2/13/19

NELAP ACCREDITED TNI LABORATORY

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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Envirotech, Inc, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

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DJR Operating, LLC	Project Name:	Rincon 19-3 BGT	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	02/13/19 13:16

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Rincon 19-3 BGT	P902016-01A	Soil	02/08/19	02/11/19	Glass Jar, 4 oz.
	P902016-01B	Soil	02/08/19	02/11/19	Glass Jar, 4 oz.

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DJR Operating, LLC	Project Name:	Rincon 19-3 BGT	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	02/13/19 13:16

Rincon 19-3 BGT
P902016-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
Toluene	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
Ethylbenzene	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
p,m-Xylene	ND	50.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
o-Xylene	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
Total Xylenes	ND	25.0	ug/kg	1	1907002	02/11/19	02/11/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*		*50-150*	*1907002*	*02/11/19*	*02/11/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1907002	02/11/19	02/11/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1907006	02/11/19	02/12/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1907006	02/11/19	02/12/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*		*50-150*	*1907002*	*02/11/19*	*02/11/19*	*EPA 8015D*	
Surrogate: n-Nonane		*88.9 %*		*50-200*	*1907006*	*02/11/19*	*02/12/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1907015	02/12/19	02/12/19	EPA 300.0/9056A	

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DJR Operating, LLC	Project Name:	Rincon 19-3 BGT	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	02/13/19 13:16

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1907002 - Purge and Trap EPA 5030A										
Blank (1907002-BLK1)				Prepared: 02/11/19 0 Analyzed: 02/11/19 1						
Benzene	ND	25.0	ug/kg							
Toluene	ND	25.0	"							
Ethylbenzene	ND	25.0	"							
p,m-Xylene	ND	50.0	"							
o-Xylene	ND	25.0	"							
Total Xylenes	ND	25.0	"							
Surrogate: 4-Bromochlorobenzene-PID	*7980*		*"*	*8000*		*99.8*	*50-150*			
LCS (1907002-BS1)				Prepared: 02/11/19 0 Analyzed: 02/11/19 1						
Benzene	5070	25.0	ug/kg	5000		101	70-130			
Toluene	5180	25.0	"	5000		104	70-130			
Ethylbenzene	5520	25.0	"	5000		110	70-130			
p,m-Xylene	11500	50.0	"	10000		115	70-130			
o-Xylene	5270	25.0	"	5000		105	70-130			
Total Xylenes	16700	25.0	"				70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8060*		*"*	*8000*		*101*	*50-150*			
Matrix Spike (1907002-MS1)		**Source: P902014-01**		Prepared: 02/11/19 0 Analyzed: 02/11/19 2						
Benzene	5190	25.0	ug/kg	5000	ND	104	54.3-133			
Toluene	5310	25.0	"	5000	ND	106	61.4-130			
Ethylbenzene	5660	25.0	"	5000	ND	113	61.4-133			
p,m-Xylene	11800	50.0	"	10000	ND	118	63.3-131			
o-Xylene	5410	25.0	"	5000	ND	108	63.3-131			
Total Xylenes	17200	25.0	"		ND		63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*8110*		*"*	*8000*		*101*	*50-150*			
Matrix Spike Dup (1907002-MSD1)		**Source: P902014-01**		Prepared: 02/11/19 0 Analyzed: 02/11/19 2						
Benzene	5290	25.0	ug/kg	5000	ND	106	54.3-133	1.98	20	
Toluene	5410	25.0	"	5000	ND	108	61.4-130	1.86	20	
Ethylbenzene	5770	25.0	"	5000	ND	115	61.4-133	1.84	20	
p,m-Xylene	12000	50.0	"	10000	ND	120	63.3-131	1.75	20	
o-Xylene	5510	25.0	"	5000	ND	110	63.3-131	1.80	20	
Total Xylenes	17500	25.0	"		ND		63.3-131	1.76	20	
Surrogate: 4-Bromochlorobenzene-PID	*8070*		*"*	*8000*		*101*	*50-150*			

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Rincon 19-3 BGT	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	02/13/19 13:16

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1907002 - Purge and Trap EPA 5030A										
Blank (1907002-BLK1)				Prepared: 02/11/19 0 Analyzed: 02/11/19 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*"*	*8.00*		*91.5*	*50-150*			
LCS (1907002-BS2)				Prepared: 02/11/19 0 Analyzed: 02/11/19 1						
Gasoline Range Organics (C6-C10)	57.9	20.0	mg/kg	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*"*	*8.00*		*93.5*	*50-150*			
Matrix Spike (1907002-MS2)		**Source: P902014-01**		Prepared: 02/11/19 0 Analyzed: 02/11/19 2						
Gasoline Range Organics (C6-C10)	57.9	20.0	mg/kg	50.0	ND	116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*"*	*8.00*		*93.3*	*50-150*			
Matrix Spike Dup (1907002-MSD2)		**Source: P902014-01**		Prepared: 02/11/19 0 Analyzed: 02/11/19 2						
Gasoline Range Organics (C6-C10)	57.8	20.0	mg/kg	50.0	ND	116	70-130	0.0951	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*"*	*8.00*		*93.3*	*50-150*			

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Rincon 19-3 BGT	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	02/13/19 13:16

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1907006 - DRO Extraction EPA 3570										
Blank (1907006-BLK1)				Prepared & Analyzed: 02/11/19 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*49.4*		"	*50.0*		*98.8*	*50-200*			
LCS (1907006-BS1)				Prepared & Analyzed: 02/11/19 1						
Diesel Range Organics (C10-C28)	439	25.0	mg/kg	500		87.7	38-132			
Surrogate: n-Nonane	*47.4*		"	*50.0*		*94.9*	*50-200*			
Matrix Spike (1907006-MS1)		**Source: P902009-01**		Prepared & Analyzed: 02/11/19 1						
Diesel Range Organics (C10-C28)	425	25.0	mg/kg	500	ND	84.9	38-132			
Surrogate: n-Nonane	*44.5*		"	*50.0*		*89.0*	*50-200*			
Matrix Spike Dup (1907006-MSD1)		**Source: P902009-01**		Prepared & Analyzed: 02/11/19 1						
Diesel Range Organics (C10-C28)	436	25.0	mg/kg	500	ND	87.1	38-132	2.51	20	
Surrogate: n-Nonane	*46.2*		"	*50.0*		*92.5*	*50-200*			

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Analytical Laboratory

DJR Operating, LLC	Project Name:	Rincon 19-3 BGT	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	02/13/19 13:16

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1907015 - Anion Extraction EPA 300.0/9056A										
Blank (1907015-BLK1)				Prepared & Analyzed: 02/12/19 1						
Chloride	ND	20.0	mg/kg							
LCS (1907015-BS1)				Prepared & Analyzed: 02/12/19 1						
Chloride	252	20.0	mg/kg	250		101	90-110			
Matrix Spike (1907015-MS1)		**Source: P902022-01**		Prepared & Analyzed: 02/12/19 1						
Chloride	562	20.0	mg/kg	250	303	104	80-120			
Matrix Spike Dup (1907015-MSD1)		**Source: P902022-01**		Prepared & Analyzed: 02/12/19 1						
Chloride	536	20.0	mg/kg	250	303	93.4	80-120	4.68	20	

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DJR Operating, LLC	Project Name:	Rincon 19-3 BGT	
1 Rd 3263	Project Number:	17035-0028	**Reported:**
Aztec NM, 87410	Project Manager:	Amy Archuleta	02/13/19 13:16

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
**	Methods marked with ** are non-accredited methods.

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Project Information — Chain of Custody

Client:	DSE Operating L.L.C.
Project:	Rincon 19-3 BGT
Project Manager:	A Archuleta
Address:	1 Road 3263
City, State, Zip	Aztec, NM 87410
Phone:	505-320-6917
Email:	aarchuleta@dirllc.com

Report Attention

Report due by:	2/15/19
Attention:	Amy Archuleta
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only		TAT		EPA Program		
Lab WO#	Job Number	1D	3D	RCRA	CWA	SDWA
P ~~P020116~~ 902016	17035-0028					

State			
NM	CO	UT	AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1						Remarks
10:00 am	2/8/19	S	2	Rincon 19-3 BGT		X	X	X			X							

Additional Instructions: V.S Ice in Cooler

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: _____

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	2/11/19	8:00 am	Jessica A. [illegible]	2/11/19	8:00AM
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 _____ T2 _____ T3 _____
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above [illegible] laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Three Springs - 65 Mercado Street, Suite 115, CO 81301 Ph (970) 259-0615 Fx 362-1879
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