

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.

BGT 2

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: 1 Road 3263 Aztec, NM 87410
Facility or well name: Jicarilla Apache F 10
API Number: 30-039-82339 OCD Permit Number: _____
U/L or Qtr/Qtr C Section 16 Township 25N Range 05W County: Rio Arriba
Center of Proposed Design: Latitude 36.403740 Longitude -107.368217 NAD83
Surface Owner: ☐ Federal ☐ State ☐ Private ☒ Tribal Trust or Indian Allotment

2.
☐ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC Release Confirmed assigned incident# NRM2006557992
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: 40 bbl Type of fluid: Recycled Oil
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-walled 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 _____

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****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 H₂S, Prevention Plan
☐ Emergency Response Plan
☐ Oil Field Waste Stream Characterization
☐ Monitoring and Inspection Plan
☐ Erosion Control Plan
☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

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 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> 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 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> 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 | <input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" 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).
- Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 | <input type="checkbox"/> Yes <input checked="" 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.
- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Within 300 feet of a wetland.
US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

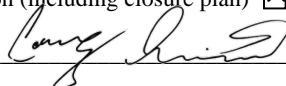
Name (Print): _____ Title: _____

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: 3/30/2021

Title: Environmental Specialist OCD Permit Number: BGT 2

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: 4/1/2020

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)

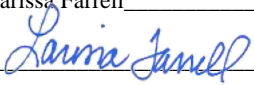
On-site Closure Location: Latitude 36.403740 Longitude -107.368217 NAD: ☐ 1927 ☐ 1983

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): Larissa Farrell Title: Regulatory Specialist

Signature:  Date: 8/14/2020

e-mail address: lfarrell@djrlc.com Telephone: (505) 444-0289



1 Road 3263
Aztec, NM 87410
Phone: (505) 632-3476

August 14, 2020

Mr. Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals & Natural Resources
1000 Rio Brazos
Aztec, New Mexico, 87410

Re: C-144 BGT Closure
Jicarilla Apache F 10

Dear Mr. Smith,

Enclosed with this letter is the C-144 BGT Closure for the Jicarilla Apache F 10. DJR Operating, LLC has removed the below grade tank and disposed of the contents of the tank at Envirotech Landfarm. Confirmation sampling has confirmed that the impacted soil has been excavated and has met NMAC Table I standards. The area has been backfilled and reseeded per Jicarilla Oil and Gas standards.

If you have any questions regarding this application, please contact me at (505) 444-0289 or lfarrell@djrlc.com.

Sincerely,

A handwritten signature in blue ink that reads 'Larissa Farrell'.

Larissa Farrell
Regulatory Specialist

Larissa Farrell

Subject: FW: 72 Hour Notification Via Certified Mail-Not Required

From: Dave Brown
Sent: Monday, February 24, 2020 4:13 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Richard Graves <rgraves@djrlc.com>
Subject: FW: 72 Hour Notification Via Certified Mail-Not Required

Cory:

Please find the note below where Hobson Sandoval, on behalf of the Jicarilla Nation, waived the 72 surface owner notice for two compressor site closures where BGT's are being removed. We have been updating JOGA (Jason Sandoval) and Hobson on a daily basis when work is being performed.

The two sites in question are:

- Jicarilla Apache F10 Compressor Station located in NENW of Section 16, T25N, R5W, Lat. 36.40407 Long: -107.36784; Surface Owner: Jicarilla Nation
- Jicarilla Apache F6 Compressor Station located in NW/NW of Sec. 22, T25N, R05W: Rio Arriba County: Lat. 36.386304, Long -107.353438: Surface Owner: Jicarilla Nation

We apologize for not providing you 72 hour notice on the F10 which was pulled last week, but we have not obtained confirmation samples for the area beneath the BGT yet, but I will forward copies to you of the two previous sampling events when they are available. Please accept this note as 72 hour notice for removing the BGT at the F-6 compressor site. We have tentatively scheduled Wednesday 2/24/20 at 8:00 a.m. to retest the soil remaining beneath the BGT at the F-10 site. We would also like to remove the BGT at the F-6 site and possibly obtain confirmation samples for closure. We have been working with the Jicarilla Nation to close the sites while the weather is cooperating. Please advise if you intend to be present for the BGT removal and if we will need to wait 72 hours to re-schedule the work.

Thank you.

Regards,
Dave Brown
Manager of Government and Regulatory Affairs
303-887-3695
505-419-9931
DBrown@djrlc.com



From: Dave Brown
Sent: Saturday, February 15, 2020 1:11 PM
To: Hobson Sandoval <hsandoval2012@gmail.com>
Subject: 72 Hour Notification Via Certified Mail-Not Required

Hobson:

Per our conversation earlier this week, the NMOCD has a requirement that if we intend to remove a BGT, 72 hour notice ahead of the removal via certified mail to the surface owner is required. In the case of the Jicarilla F-10 and F-6 compressor sites, we plan on testing underneath a BGT at each site on Tuesday, February 18th beginning at 1:30. Just to confirm, you indicated the 72 hour certified mail notice to you is not necessary for these two projects.

With that being the case, on Tuesday we will proceed to have Envirotech collect samples. We are planning on field screening the samples before collecting any for lab analysis. I will plan on being there. Please let me know if you plan on being there or if Jason Sandoval will be there if you can't make it.

Have a great weekend.

Regards,

Dave Brown

Manager of Government and Regulatory Affairs

303-887-3695

505-419-9931

DBrown@djrlc.com



Larissa Farrell

From: Larissa Farrell
Sent: Friday, March 6, 2020 8:24 AM
To: Hobson Sandoval; Jason Sandoval
Cc: Dave Brown
Subject: Jicarilla Apache F 10
Attachments: P003004 Envirotech2_v24 FINAL 03 04 20 1426.pdf

Good morning Hobson,

Attached are the final results from the Jicarilla Apache F 10 below grade tank that was removed. All constituents tested were non-detect, therefore we would like to proceed with backfilling this area. Please let me know if you approve backfill based on the results. Richard Graves received verbal approval from Jason Sandoval to obtain the soil needed for backfill from the nearby pond (36.230536, -107.252741).

Please let me know if you have any questions or concerns.

Thank you,

Larissa Farrell
Regulatory Specialist
(505)444-0289
lfarrell@djrlc.com





April 20, 2020

Project #17035-0181
NMOCD Incident #nRM2006557992Ms. Larissa Farrell
DJR Operating, LLC
1 Road 3263
Aztec, New Mexico 87410Phone: (505) 632-3476
E-mail: lfarrell@djrlc.com**RE: BGT and Release Closure Report for the Jicarilla Apache F-10 Compressor Station Located in Section 16, Township 25N, Range 5W, Rio Arriba County, New Mexico**

Dear Ms. Farrell:

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by DJR Operating, LLC (DJR) to provide sampling activities for the closure of a below grade tank (BGT) at the Jicarilla Apache F-10 compressor station located within Section 16, Township 25 North, Range 5 West, Rio Arriba County, New Mexico; see enclosed **Figure 1, Vicinity Map**.

On February 21, 2020, DJR contracted roustabout personnel removed the BGT and Envirotech personnel collected a five-point composite soil sample from the exposed surface of the former location of the BGT. The sample was identified as *BGT Composite* and prepared for field screening activities.

BGT FIELD SCREENING ANALYSIS

Field screening for VOCs was conducted with a photo-ionization detector (PID) organic vapor meter (OVM). Prior to performing field screening activities, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas. The soil sample was also screened in the field for total petroleum hydrocarbons (TPH) per United States Environmental Protection Agency (EPA) Method 418.1 using an Infracal Total Oil and Gas (TOG)/ TPH Analyzer. A 3-point calibration was completed prior to conducting soil screening. The soil sample screening results returned a result of 5,408 mg/kg for TPH and 0.0 ppm for VOCs. Field screening protocol followed the manufacture's operating procedure and, field screening results are provided in **Appendix A, Field Notes**.

The subject location was undergoing de-commissioning, and the location was being fully reclaimed per all applicable regulations; therefore, DJR elected to close the BGT under the following standards per *19.15.29.12 NMAC*.



DJR Operating, LLC
 Jicarilla Apache F-10
 BGT and Release Closure
 Project #17035-0181
 February 2020
 Page 2

Depth to Groundwater	Constituent	Method	Limit
≤ 50 feet	Chloride	EPA 300.0	600 mg/kg
	TPH (GRO/DRO/MRO)	EPA Method 8015D	100 mg/kg
	BTEX	EPA Method 8021B	50 mg/kg
	Benzene	EPA Method 8021B	10 mg/kg

Based on the field screening results and elected closure standards, TPH was above the applicable closure criteria; see enclosed **Table 1, Summary of Soil Analytical Results**. Due to the elevated TPH concentrations, a release was confirmed; subsequently, a release notification (C-141) was submitted to the NMOCD and JOGA per *19.15.29.10 NMAC*.

RELEASE CLOSURE CONFIRMATION LABORATORY ANALYSIS

DJR contracted roustabout personnel completed the remediation excavation on February 28, 2020; the final excavation measured 15 feet by 15 feet by 6 feet in depth. On the same day, Envirotech personnel returned to the site to perform confirmation sampling activities under the witness of DJR representative Richard Graves and JOGA representative Alfred Vigil, Jr. Per the direction of Mr. Vigil, one five-point composite sample was collected from the base of the excavation. The soil sample was placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech Analytical Laboratory. The soil sample location is illustrated in **Figure 2, Site Map** and excavation activities are documented in the attached **Site Photography**.

The laboratory analytical results were compared to the most stringent release closure criteria provided in *19.15.29.12 NMAC*. Based on laboratory analytical results, the concentrations of contaminants of concern were below the applicable release closure criteria and do not require further remediation actions; see enclosed **Table 1, Summary of Soil Analytical Results**.

SUMMARY AND CONCLUSIONS

On February 21, 2020, Envirotech personnel performed confirmation sampling of soil beneath the BGT at the Jicarilla Apache F-10 well site. Based on the field screening results and visual observations of stained soil a release was confirmed. DJR subsequently completed a remediation excavation, and confirmation sampling was performed on February 28, 2020. Upon receipt of laboratory analytical results, on March 24, 2020, DJR personnel backfilled and re-contoured the location of the former BGT. The site was reseeded with the approved Jicarilla Mesa seed mixture.



DJR Operating, LLC
Jicarilla Apache F-10
BGT and Release Closure
Project #17035-0181
February 2020
Page 3

Based on the analytical results, Envirotech recommends requesting a **No Further Action** status from the NMOCD and JOGA regarding the BGT closure and subsequent release remediation and reclamation.

STATEMENT OF LIMITATIONS

The work and services provided were in accordance with NMOCD and JOGA standards. All observations and conclusions provided here are based on the information and current site conditions found at the subject well site. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,
ENVIROTECH, INC.

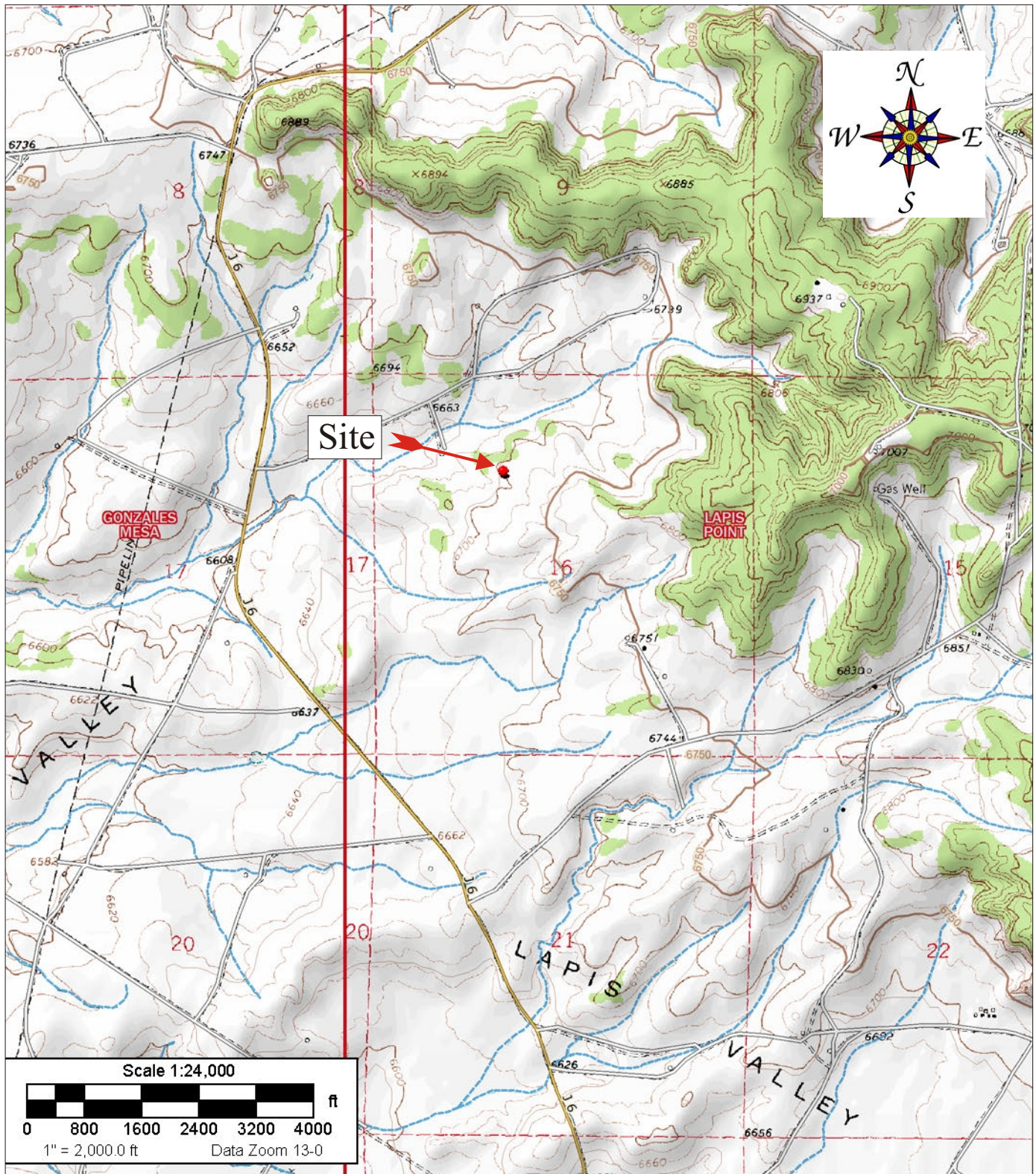
Reviewed by:

Brittany Hall
Environmental Field Technician
bhall@envirotech-inc.com

Felipe Aragon, CHMM, CES
Environmental Assistant Manager
faragon@envirotech-inc.com

Enclosures: Figure 1, *Vicinity Map*
Figure 2, *Site Map*
Appendix A, *Field Notes*
Site Photography
Table 1, *Summary of Soil Analytical Results*
Laboratory Analytical Report

Cc: Client File 17035



Source: 7.5 Minute, Lapis Point, New Mexico U.S.G.S. Topographic Quadrangle Map
 Scale: 1:24,000 1" = 2,000

DJR Operating, LLC.
 Jicarilla Apache F #010 Compressor Station
 Section 16, Township 25N, Range 5W
 36.40377, -107.36813
 Incident No. nRM2006557992



5796 U.S. HIGHWAY 64
 Farmington, New Mexico 87401
 505.632.0615

Vicinity Map

Figure #1

Project Number: 17035-0181

Date Drawn: 3/10/2020

DRAWN BY:
 Brittany Hall

PROJECT MANAGER:
 Felipe Aragon

Excavation Dimensions:
15 feet by 15 feet by 6 feet deep

Google Earth

Legend

- - Excavation
- - 5-point Composite Soil Sample



envirotech

Released to: Imaging 3/30/2021 3:22:30 PM 505-632-0615

MAP DRAWN BY:

BAH
3/5/2020

REVISIONS BY:

NAME
DATE

APPROVED BY:

FRA
4/15/2020

Scale
1"= 18'

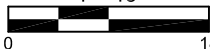

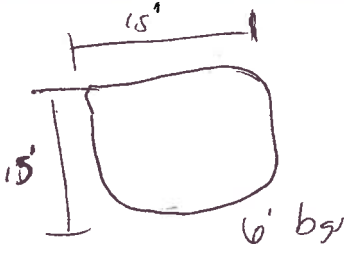
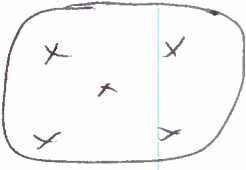


Figure 2, Site Map

DJR Operating, LLC.
Jicarilla Apache F #010 Compressor Station
Section 16, Township 25N, Range 5W
36.40377, -107.36813
Project #17035-0181
Incidnet No. nRM2006557992

Pit Closure Verification 2015

CLIENT: <u>DJR</u>	 envirotech <small>(508) 632-0615 (800) 362-1879 8788 U.S. Hwy 84, Farmington, NM 87401</small>	Environmental Specialist: <u>BHall</u>						
CLIENT/JOB # <u>17035-0181</u>								
START DATE: <u>2/28/2020</u>		LAT: <u>36.40377</u>						
FINISH DATE: <u>2/28/2020</u>		LONG: <u>-107.36813</u>						
Page # _____ of _____								
FIELD REPORT: BELOW GROUND TANK VERIFICATION								
LOCATION NAME: <u>Jicarilla Apache</u>	WELL #: <u>F10</u>	Temp Pit: _____ PERM Pit: _____						
QUAD/UNIT: _____	SEC: <u>16</u> TWP: <u>25 N</u> RNG: <u>SW</u>	PM: _____						
QTR/FOOTAGE: _____	CNTY: <u>Rio Arriba</u> ST: <u>New Mexico</u>							
Excavation Approx: <u>15</u>	Feet X <u>15</u>	Feet X <u>86</u> Feet Deep _____ Cubic Yardage: _____						
Disposal Facility: _____	Remediation Method: _____							
Land Owner: _____	API: _____	Pit Volume: _____						
Construction Material: _____	Double Walled, With Leak Detection: _____							
Temporary Pit Closure: NMAC 19.15.17 Table II (Permitted after 6/28/2013) BGT Closure: NMAC 19.15.17 Table I (Permitted after 6/28/2013) BGT Closure: BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/kg, TPH (418.1) ≤ 100 mg/kg, CHLORIDES ≤ 250 mg/kg (Permitted before 6/28/2013)								
FIELD 418.1 ANALYSIS								
SAMPLE DESCRIPTION	TIME	SAMPLE ID	LAB #	WEIGHT	mL FREON	DILUTION	READING	CALC. (mg/kg)
<u>1</u>	<u>1108</u>	<u>200 Std</u>					<u>203</u>	<u>203</u>
	<u>1116</u>	<u>base</u>		<u>5</u>	<u>20</u>	<u>4</u>	<u>05</u>	<u>20</u>
PID RESULTS			SITE PERIMETER			SAMPLE PROFILE		
SAMPLE ID	RESULTS (mg/kg)							
<u>1</u>	<u>0.0</u>							
FIELD CHLORIDES RESULTS								
SAMPLE ID	READING	CALC. (mg/kg)						
SAMPLE ID	ANALYSIS	US EPA						
<u>1</u>	BENZENE	8021B/8015						
<u>1</u>	BTEX	8021B/80260B						
<u>1</u>	GRO & DRO	8015						
<u>1</u>	CHLORIDES	EPA300						
	TPH	418.1						
Analyst Signature: <u>Brian Hall</u> Printed Name: <u>Brian Hall</u>			NOTES: <u>JOGA rep. of old base composite only. (Analog Visu)</u> WO #: _____ Who ordered/Site Rep.: _____					

**SITE PHOTOGRAPHY
BGT AND RELEASE CLOSURE REPORT
DJR OPERATING, LLC.
JICARILLA APACHE F #010 COMPRESSOR STATION
PROJECT #17035-0181
FEBRUARY 2020**

February 21, 2020



Picture 1: View of BGT Removal

February 28, 2020



Picture 2: View of Excavation of Former BGT

**SITE PHOTOGRAPHY
BGT AND RELEASE CLOSURE REPORT
DJR OPERATING, LLC.
JICARILLA APACHE F #010 COMPRESSOR STATION
PROJECT #17035-0181
FEBRUARY 2020**



Picture 3: View of Backfilled and Recontoured Area (View 1)



Picture 4: View of Backfilled and Recontoured Area (View 2)

Table 1, Summary of Soil Analytical Results
 DJR Operating, LLC
 BGT and Release Closure Report
 Jicarilla Apache F #010
 Section 16, Township 25N, Range 5W
 Rio Arriba County, New Mexico
 Project #17035-0181
 Incident #nRM2006557992

Sample Description*	Date	Sample Depth* (ft)	EPA Method 8015			EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD Release Closure Criteria (Table 1 - 19.15.29.12)			Not Applicable			10 mg/kg	50 mg/kg	600 mg/kg
			100 mg/kg					
BGT Comp**	2/21/2020	0.17	5,408			NA	NA	NA
F-10 BGT	2/28/2020	6.0	<20.0	<25.0	<50.0	<0.025	<0.100	<20.0

*5-point composite soil sample collected beneath the BGT

** - Field Screening Analysis only (EPA Method 418.1)

NA - Not Analyzed

BOLD - above NMOCD Closure Criteria



Practical Solutions for a Better Tomorrow



Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 2/28/2020

Job Number: 17035-0181

Work Order: P003004

Project Name/Location: F-10 BGT Closure

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue rectangular background.

Date: 3/4/20

Walter Hinchman, Laboratory Director



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, holds the Utah TNI certification NM009792018-1 for the data reported.
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.



DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: F-10 BGT Closure
Project Number: 17035-0181
Project Manager: Felipe Aragon

Reported:
03/04/20 14:26

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
F-10 BGT	P003004-01A	Soil	02/28/20	02/28/20	Glass Jar, 4 oz.
	P003004-01B	Soil	02/28/20	02/28/20	Glass Jar, 4 oz.

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DJR Operating, LLC	Project Name:	F-10 BGT Closure	Reported: 03/04/20 14:26
1 Rd 3263	Project Number:	17035-0181	
Aztec NM, 87410	Project Manager:	Felipe Aragon	

F-10 BGT
P003004-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %		50-150	2010002	03/02/20	03/03/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2010005	03/02/20	03/03/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2010005	03/02/20	03/03/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		93.8 %		50-200	2010005	03/02/20	03/03/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2010002	03/02/20	03/03/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %		50-150	2010002	03/02/20	03/03/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2010003	03/02/20	03/03/20	EPA 300.0/9056A	
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DJR Operating, LLC	Project Name:	F-10 BGT Closure	Reported: 03/04/20 14:26
1 Rd 3263	Project Number:	17035-0181	
Aztec NM, 87410	Project Manager:	Felipe Aragon	

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
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Batch 2010002 - Purge and Trap EPA 5030A**Blank (2010002-BLK1)**

Prepared: 03/02/20 0 Analyzed: 03/03/20 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							

Surrogate: 4-Bromochlorobenzene-PID	8.58		"	8.00		107	50-150			
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LCS (2010002-BS1)

Prepared: 03/02/20 0 Analyzed: 03/03/20 1

Benzene	4.79	0.0250	mg/kg	5.00		95.7	70-130			
Toluene	4.78	0.0250	"	5.00		95.7	70-130			
Ethylbenzene	4.78	0.0250	"	5.00		95.5	70-130			
p,m-Xylene	9.52	0.0500	"	10.0		95.2	70-130			
o-Xylene	4.78	0.0250	"	5.00		95.7	70-130			
Total Xylenes	14.3	0.0250	"	15.0		95.4	0-200			

Surrogate: 4-Bromochlorobenzene-PID	8.46		"	8.00		106	50-150			
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Matrix Spike (2010002-MS1)

Source: P002092-01

Prepared: 03/02/20 0 Analyzed: 03/03/20 1

Benzene	4.95	0.0250	mg/kg	5.00	ND	99.0	54.3-133			
Toluene	4.96	0.0250	"	5.00	ND	99.1	61.4-130			
Ethylbenzene	4.94	0.0250	"	5.00	ND	98.9	61.4-133			
p,m-Xylene	9.86	0.0500	"	10.0	ND	98.6	63.3-131			
o-Xylene	4.95	0.0250	"	5.00	ND	99.0	63.3-131			
Total Xylenes	14.8	0.0250	"	15.0	ND	98.7	0-200			

Surrogate: 4-Bromochlorobenzene-PID	8.69		"	8.00		109	50-150			
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Matrix Spike Dup (2010002-MSD1)

Source: P002092-01

Prepared: 03/02/20 0 Analyzed: 03/03/20 1

Benzene	4.66	0.0250	mg/kg	5.00	ND	93.2	54.3-133	6.07	20	
Toluene	4.64	0.0250	"	5.00	ND	92.8	61.4-130	6.58	20	
Ethylbenzene	4.63	0.0250	"	5.00	ND	92.6	61.4-133	6.53	20	
p,m-Xylene	9.24	0.0500	"	10.0	ND	92.4	63.3-131	6.51	20	
o-Xylene	4.64	0.0250	"	5.00	ND	92.8	63.3-131	6.40	20	
Total Xylenes	13.9	0.0250	"	15.0	ND	92.5	0-200	6.47	200	

Surrogate: 4-Bromochlorobenzene-PID	8.57		"	8.00		107	50-150			
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DJR Operating, LLC	Project Name:	F-10 BGT Closure	Reported: 03/04/20 14:26
1 Rd 3263	Project Number:	17035-0181	
Aztec NM, 87410	Project Manager:	Felipe Aragon	

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2010005 - DRO Extraction EPA 3570

Blank (2010005-BLK1)

Prepared & Analyzed: 03/02/20 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	47.2		"	50.0		94.4	50-200			

LCS (2010005-BS1)

Prepared & Analyzed: 03/02/20 1

Diesel Range Organics (C10-C28)	436	25.0	mg/kg	500		87.2	38-132			
Surrogate: n-Nonane	47.9		"	50.0		95.9	50-200			

Matrix Spike (2010005-MS1)

Source: P002081-01

Prepared & Analyzed: 03/02/20 1

Diesel Range Organics (C10-C28)	427	25.0	mg/kg	500	ND	85.4	38-132			
Surrogate: n-Nonane	46.6		"	50.0		93.3	50-200			

Matrix Spike Dup (2010005-MSD1)

Source: P002081-01

Prepared & Analyzed: 03/02/20 1

Diesel Range Organics (C10-C28)	429	25.0	mg/kg	500	ND	85.8	38-132	0.445	20	
Surrogate: n-Nonane	47.4		"	50.0		94.8	50-200			

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DJR Operating, LLC	Project Name:	F-10 BGT Closure	Reported: 03/04/20 14:26
1 Rd 3263	Project Number:	17035-0181	
Aztec NM, 87410	Project Manager:	Felipe Aragon	

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2010002 - Purge and Trap EPA 5030A

Blank (2010002-BLK1)

Prepared: 03/02/20 0 Analyzed: 03/03/20 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		"	8.00		93.0	50-150			

LCS (2010002-BS2)

Prepared: 03/02/20 0 Analyzed: 03/03/20 1

Gasoline Range Organics (C6-C10)	43.6	20.0	mg/kg	50.0		87.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		"	8.00		93.4	50-150			

Matrix Spike (2010002-MS2)

Source: P002092-01

Prepared: 03/02/20 0 Analyzed: 03/03/20 1

Gasoline Range Organics (C6-C10)	45.3	20.0	mg/kg	50.0	ND	90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		"	8.00		93.4	50-150			

Matrix Spike Dup (2010002-MSD2)

Source: P002092-01

Prepared: 03/02/20 0 Analyzed: 03/03/20 1

Gasoline Range Organics (C6-C10)	42.4	20.0	mg/kg	50.0	ND	84.8	70-130	6.59	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		"	8.00		94.0	50-150			

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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: F-10 BGT Closure
Project Number: 17035-0181
Project Manager: Felipe Aragon

Reported:
03/04/20 14:26

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 2010003 - Anion Extraction EPA 300.0/9056A

Blank (2010003-BLK1)

Prepared & Analyzed: 03/02/20 1

Chloride	ND	20.0	mg/kg
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LCS (2010003-BS1)

Prepared & Analyzed: 03/02/20 1

Chloride	250	20.0	mg/kg	250	100	90-110
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Matrix Spike (2010003-MS1)

Source: P002092-01

Prepared & Analyzed: 03/02/20 1

Chloride	363	20.0	mg/kg	250	107	102	80-120
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Matrix Spike Dup (2010003-MSD1)

Source: P002092-01

Prepared & Analyzed: 03/02/20 1

Chloride	361	20.0	mg/kg	250	107	102	80-120	0.586	20
----------	-----	------	-------	-----	-----	-----	--------	-------	----

QC Summary Report

Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: F-10 BGT Closure
Project Number: 17035-0181
Project Manager: Felipe Aragon

Reported:
03/04/20 14:26

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Client: DJR		Report Attention						Lab Use Only				TAT		EPA Program						
Project: F-10 Bgt Closure		Report due by: _____						Lab WO#		Job Number		1D	3D	RCRA	CWA	SDWA				
Project Manager: F.Aragon		Email: _____						P003004		17035-0181										
Address: _____		Address: _____						Analysis and Method									State			
City, State, Zip _____		City, State, Zip _____															NM	CO	UT	AZ
Phone: _____		Phone: _____																		
Email: Gcrabtree Admin Bhall Faragon T.Knight																	x			

[illegible]

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: David Green

Relinquished by: (Signature) <i>[Signature]</i>	Date 2-28-20	Time 15:50	Received by: (Signature) <i>Rain Lopez</i>	Date 2/29/20	Time 15:50	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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 samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fax (505) 632-1865

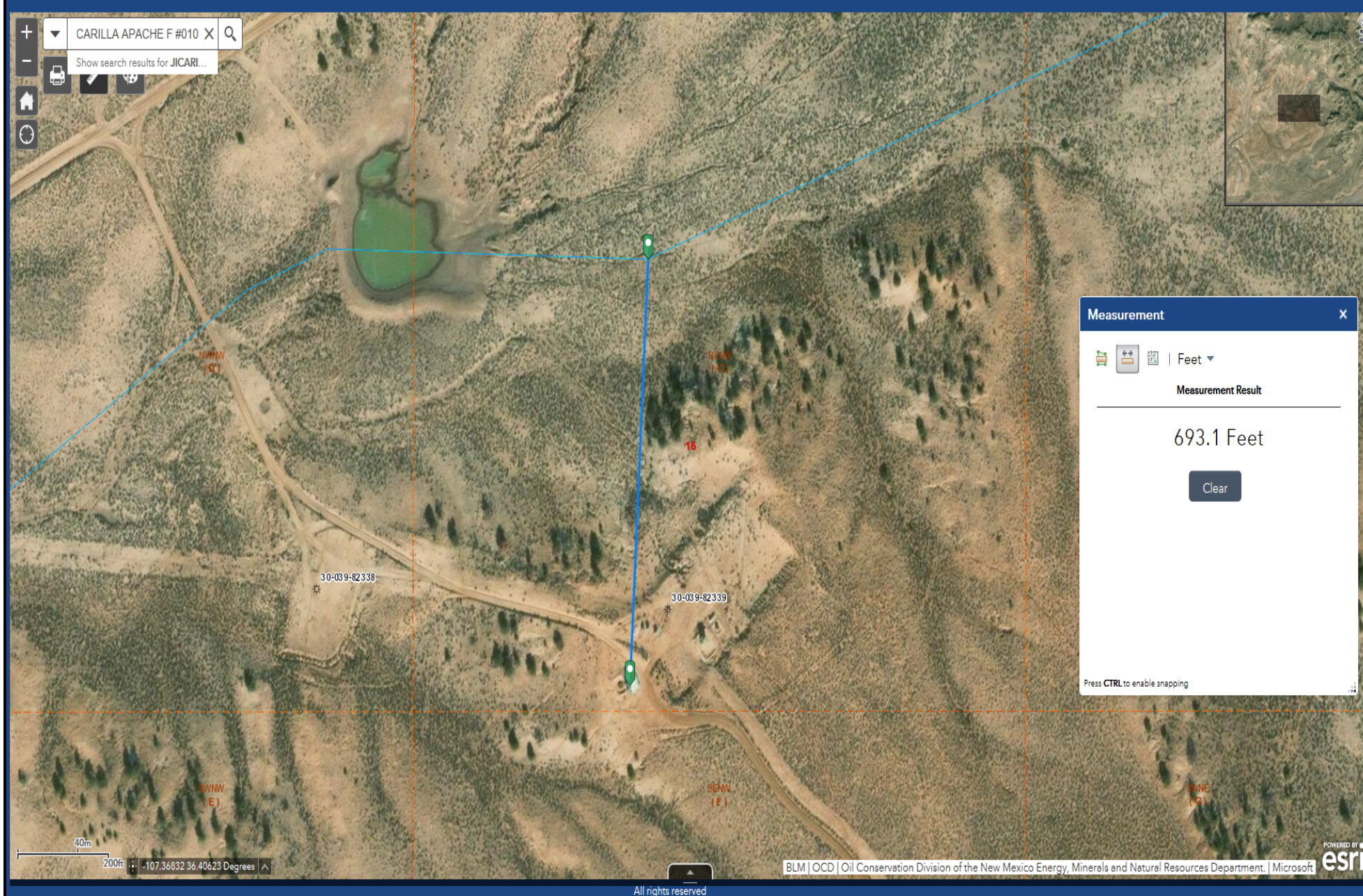
Ph (970) 259-0615 Fr (800) 362-1879

analogtech-inc.com
laboratory@analogtech-inc.com

NM OCD OIL AND GAS MAP

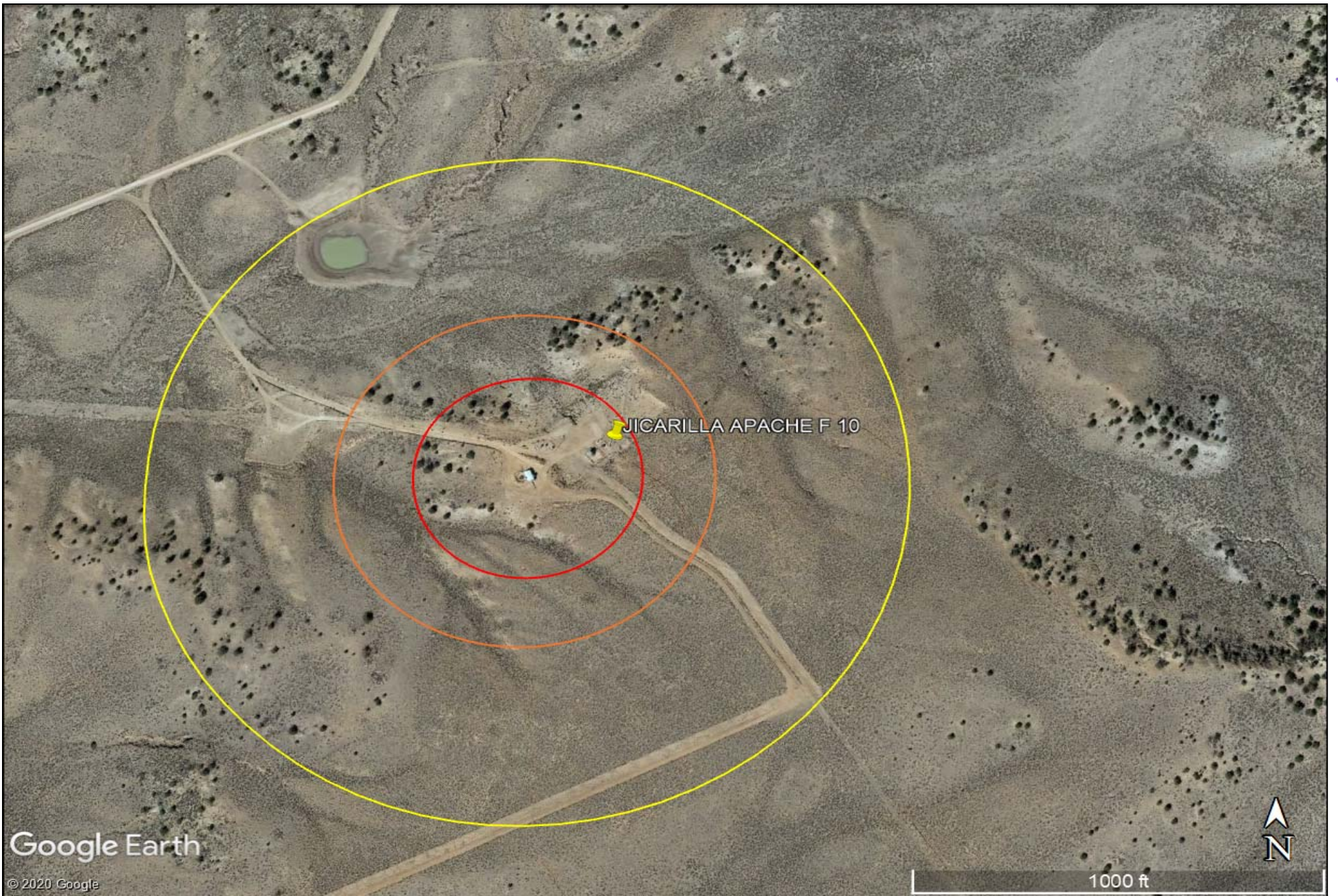
New Mexico Oil Conservation Division

NM OCD Oil and Gas Map User Guide



Jicarilla Apache F 10
 30-039-82339
 UL-C, Section 16, T25N, R05W
 Distance to Surface Water 693'





-  300' Radius
-  500' Radius
-  1000' Radius

Jicarilla Apache F 10
30-039-82339
UL-C, Section 16, T25N, R05W
Distance to Surface Water 693'

Surface Hydrology Map





New Mexico Office of the State Engineer Water Column/Average Depth to Water

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

No records found.

PLSS Search:

Section(s): 16, 8, 9, 10, 15, **Township:** 25N **Range:** 05W
17, 20, 21, 22

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.

6/1/20 1:57 PM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 9713

CONDITIONS OF APPROVAL

Operator:			OGRID:	Action Number:	Action Type:
DJR OPERATING, LLC 1 Road 3263 Aztec, NM87410			371838	9713	C-144
OCD Reviewer	Condition				
csmith	Release Confirmed assigned incident# NRM2006557992 additional C-141 maybe required.				