

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: Dave Brown	Contact Telephone: 1-505-632-3476
Contact email: dbrown@djrlc.com	Incident # (assigned by OCD) nCS1932435664
Contact mailing address 1 Road 3263 Aztec, NM 87410	

Location of Release Source

Latitude 36.367105804 Longitude -107.117765167
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Sheila Hixon 1	Site Type: Well Site
Date Release Discovered: 10/09/2019	API# (if applicable) 30-039-24165

Unit Letter	Section	Township	Range	County
K	26	25N	03W	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)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: While removing the BGT on this location, visual contamination was observed. The amount of the release is unknown.

During BGT closure the TPH concentration exceeded the approval BGT closure criteria.

Incident ID	
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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> 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: <u>Dave Brown</u> Title: <u>Manager of Government and Regulatory Affairs</u> Signature: <u>Dave Brown</u> Date: <u>11/06/2019</u> email: <u>dbrown@djrlc.com</u> Telephone: <u>1-505-632-3476</u>
<u>OCD Only</u> Received by: _____ Date: _____

Incident ID	
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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?	<u>>100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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

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Incident ID	
District RP	
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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: Larissa Farrell Title: Regulatory Specialist

Signature:  Date: 6/30/2020

email: lfarrell@djrlc.com Telephone: 505-444-0289

OCD Only

Received by: _____ Date: _____

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: Larissa Farrell Title: Regulatory Specialist

Signature: _____ Date: 6/30/2020

email: lfarrell@djrlc.com Telephone: 505-444-0289

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: 12/29/2020

Printed Name: Cory Smith Title: Environmental Specialist



December 13, 2019

Project #17035-0132

Mr. Dave Brown
DJR Operating, LLC
1 Road 3263
Aztec, New Mexico 87410

Phone: (505) 632-3476
E-mail: dbrown@djrlc.com

RE: BGT and Release Closure Report for the Sheila Hixon-001 Well Site Located in Section 26, Township 25N, Range 3W, Rio Arriba County, New Mexico

Dear Mr. Brown:

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 Sheila Hixon-001 well site (API: 30-039-24165) located within Section 26, Township 25 North, Range 3 West, Rio Arriba County, New Mexico; see **Figure 1, Vicinity Map**.

On October 9, 2019, DJR personnel removed the BGT and Envirotech personnel collected a five-point composite soil sample from the exposed surface for laboratory analysis.

BGT CLOSURE CONFIRMATION LABORATORY ANALYSIS

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 was analyzed for contaminants of concern identified in the table below. The soil sample location is illustrated in **Figure 2, Site Map** and in the attached **Site Photography**.

Based on the C-144 submitted to the New Mexico Oil Conservation Division (NMOCD) in February 2009, the following closure criteria from *19.15.17.13 (E) NMAC (2008)* were applied:

Constituent	Method	Limit
Chloride	EPA 300.0	250 mg/kg
Total Petroleum Hydrocarbons (TPH)	EPA Method 8015D	100 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg
Benzene	EPA Method 8021B	0.2 mg/kg



DJR Operating, LLC
 Sheila Hixon-001
 BGT and Release Closure
 Project #17035-0132
 October 2019
 Page 2

Based on the final laboratory analytical results, TPH as diesel and oil range organics (DRO and ORO) was above the applicable NMOCD and Jicarilla Oil and Gas Administration (JOGA) Closure Criteria for BGTs, see **Table 1, Summary of Soil Analytical Results**. Therefore, a release notification per 19.15.29.10 NMAC was required.

RELEASE CLOSURE CONFIRMATION LABORATORY ANALYSIS

The soil samples were compared to the release closure criteria provided in 19.15.29.12 (E) NMAC. Based on the enclosed **Siting Criteria Documentation**, the following NMOCD release closure criteria from *Table 1: Closure Criteria for Soils Impacted by a Release* were applied:

Depth to Groundwater	Constituent	Method	Limit
>100 feet	Chloride	EPA 300.0	20,000 mg/kg
	TPH	EPA Method 8015D	2,500 mg/kg
	Gasoline + Diesel Range Organics (GRO+DRO)	EPA Method 8015D	1,000 mg/kg
	BTEX	EPA Method 8021B	50 mg/kg
	Benzene	EPA Method 8021B	10 mg/kg

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 **Table 1, Summary of Soil Analytical Results**.

SUMMARY AND CONCLUSIONS

On October 9, 2019, Envirotech personnel completed confirmation sampling of soil beneath the BGT at the Sheila Hixon-001 well site. On November 26, 2019, DJR personnel backfilled and recontoured the location of the former pit. Final reclamation will be performed when the well site is plugged and abandoned. 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 investigation.

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.



DJR Operating, LLC
Sheila Hixon-001
BGT and Release Closure
Project #17035-0132
October 2019
Page 3

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.

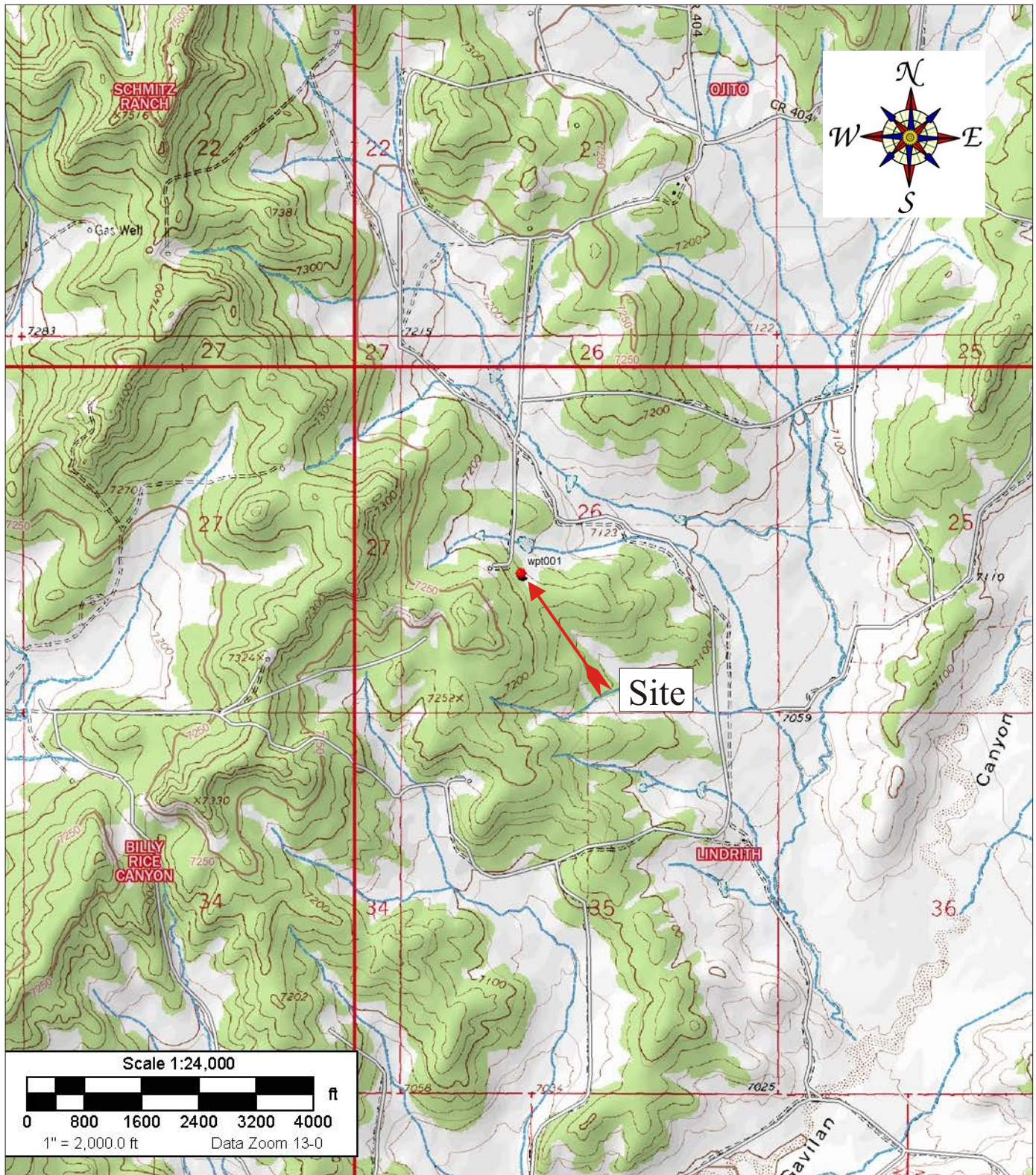
Reviewed by:

Brittany Hall for
Clay Green
Environmental Field Technician
cgreen@envirotech-inc.com

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

Enclosures: Figure 1, *Vicinity Map*
 Figure 2, *Site Map*
 Site Photography
 Siting Criteria Documentation
 Table 1, *Summary of Soil Analytical Results*
 Laboratory Analytical Report

Cc: Client File 17035



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

DJR Operating
 Sheila Hixon-001
 Section 26, Township 25N, Range 3W
 Rio Arriba County, New Mexico
 36.367092, -107.117745



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

Vicinity Map

Figure #1

Project Number: 17035-0132

Date Drawn: 10/10/2019

DRAWN BY:
 Clay Green

PROJECT MANAGER:
 Felipe Aragon



Legend



-BGT location



-Meter House location



-Sample points

Sampling point represents a 5-point composite sample



envirotech

MAP DRAWN BY:

CJG
10/9/2019

REVISIONS BY:

APPROVED BY:

FRA
12/13/2019

1"=80'



Figure 2, Site Map

DJR Operating
Sheila Hixon-001
Section 26, Township 25N, Range 3W
36.367092, -107.117745
Rio Arriba County, New Mexico
Project #17035-0132

**SITE PHOTOGRAPHY
DJR OPERATING
SHEILA HIXON-001 WELL SITE
API: 30-039-24165
SECTION 26, TOWNSHIP 25N, RANGE 3W
RIO ARRIBA COUNTY, NEW MEXICO
PROJECT # 17035-0132
OCTOBER 2019**



Picture 1: Well Site Sign



Picture 2: Sample Points Below BGT

**SITE PHOTOGRAPHY
DJR OPERATING
SHEILA HIXON-001 WELL SITE
API: 30-039-24165
SECTION 26, TOWNSHIP 25N, RANGE 3W
RIO ARriba COUNTY, NEW MEXICO
PROJECT # 17035-0132
OCTOBER 2019**

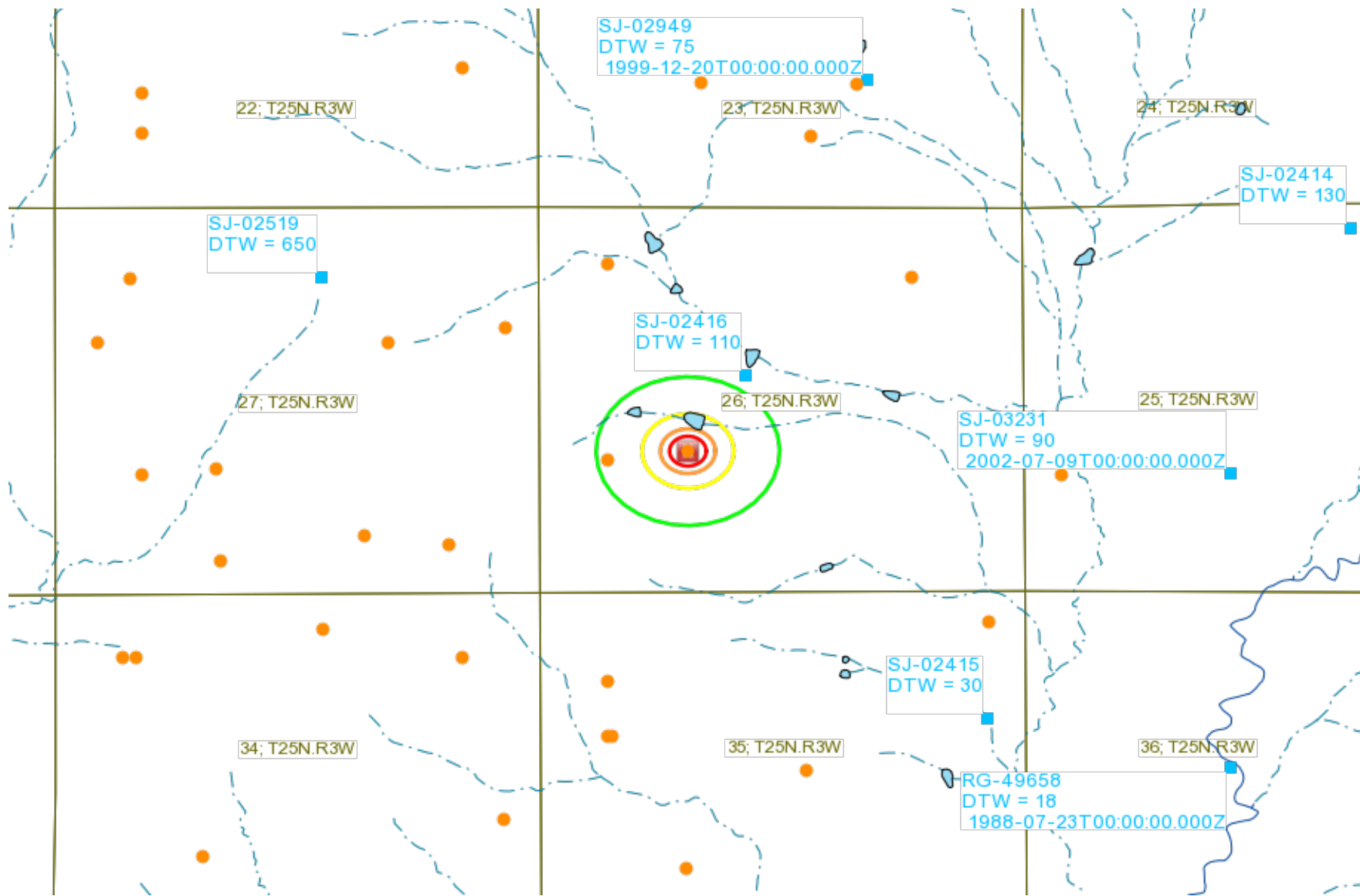


Picture 3: Former Location of BGT

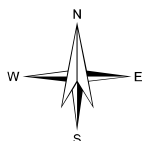
Site Name:	Shelia Hixon 1			
API #:	30-039-24165			
Lat/Long:	36.367092, -107.117745			
TRS:	Section 26 T25N R3W			
Land Jurisdiction:	Private			
County:	Rio Arriba			
Wellhead Protection Area Assessment				
Water Source Type (well/spring/stock pond)	ID	Latitude	Longitude	Distance
None				
Distance to Nearest Significant Watercourse				
309.3 ft south of unnamed tributary of Gavilan Canyon				
Depth to Groundwater Determination				
Cathodic Report/Site Specific Hydrogeology	Not available			
Elevation Differential	60 ft higher than tributary of Gavilan Canyon			
Water Wells	SJ-02416 50 ft lower in elevation, DTW=110 ft			
Sensitive Receptor Determination				
<300' of any continuously flowing watercourse or any other significant watercourse	No			
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water Mark)	No			
<300' of an occupied permanent residence, school, hospital, institution or church	No			
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering purposes	No			
<1000' of any water well or spring	No			
Within incorporated municipal boundaries or within a defined municipal fresh water well	No			
<300' of a wetland	No			
Within the area overlying a subsurface mine	No			
Within an unstable area	No			
Within a 100-year floodplain	No			
DTW Determination	≤50 <input type="checkbox"/>	50-100 <input type="checkbox"/>	>100 <input checked="" type="checkbox"/>	
Benzene	10	10	10	
BTEX (mg/kg)	50	50	50	
8015 TPH (GRO/DRO) (mg/kg)	Not Applicable	1,000	1,000	
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500	
Chlorides (mg/kg)	600	10,000	20,000	



Practical Solutions of a Better Tomorrow



0 1000 2000ft



Petroleum Recovery
Research Center

Closest wells

Figure: 0

Shelia Hixon 1

Oct 03, 2019

Table 1, Summary of BGT Soil Analytical Results
 DJR Operating, LLC
 BGT Closure Report
 Shelia Hixon #1; API: 30-039-24165
 Section 26, Township 25N, Range 3W
 Rio Arriba County, New Mexico
 Project #17035-0132

Sample Description*	Date	Sample Depth	EPA Method 8015			EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
BGT Closure Criteria: Table 1 -19.15.17.13 (2008)			100 mg/kg			0.2 mg/kg	50 mg/kg	250 mg/kg
Release Closure Criteria: Table 1 -19.15.29.12 (2018)			2,500 mg/kg			10 mg/kg		20,000
Composite	10/9/2019	1-2 inches bgs	<20.0	66.3	153	<0.025	<0.100	<20.0

*5-point composite soil sample



Practical Solutions for a Better Tomorrow



Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 10/9/2019

Job Number: 17035-0132

Work Order: P910045

Project Name/Location: Shelia Hixon 1

Report Reviewed By:

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

Date: 10/16/19

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: Shelia Hixon 1
Project Number: 17035-0132
Project Manager: Felipe Aragon

Reported:
10/16/19 13:52

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Composite	P910045-01A	Soil	10/09/19	10/09/19	Glass Jar, 4 oz.
	P910045-01B	Soil	10/09/19	10/09/19	Glass Jar, 4 oz.

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DJR Operating, LLC	Project Name:	Shelia Hixon 1	
1 Rd 3263	Project Number:	17035-0132	Reported:
Aztec NM, 87410	Project Manager:	Felipe Aragon	10/16/19 13:52

**Composite
P910045-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1942002	10/14/19	10/15/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1942002	10/14/19	10/15/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1942002	10/14/19	10/15/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1942002	10/14/19	10/15/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1942002	10/14/19	10/15/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1942002	10/14/19	10/15/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		106 %		70-130	1942002	10/14/19	10/15/19	EPA 8260B	
Surrogate: Toluene-d8		102 %		70-130	1942002	10/14/19	10/15/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.3 %		70-130	1942002	10/14/19	10/15/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	66.3	25.0	mg/kg	1	1942003	10/14/19	10/14/19	EPA 8015D	
Oil Range Organics (C28-C40)	153	50.0	mg/kg	1	1942003	10/14/19	10/14/19	EPA 8015D	
Surrogate: n-Nonane		108 %		50-200	1942003	10/14/19	10/14/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1942002	10/14/19	10/15/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		106 %		70-130	1942002	10/14/19	10/15/19	EPA 8015D	
Surrogate: Toluene-d8		102 %		70-130	1942002	10/14/19	10/15/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.3 %		70-130	1942002	10/14/19	10/15/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1941045	10/10/19	10/10/19	EPA 300.0/9056A	
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DJR Operating, LLC	Project Name:	Shelia Hixon 1	
1 Rd 3263	Project Number:	17035-0132	Reported:
Aztec NM, 87410	Project Manager:	Felipe Aragon	10/16/19 13:52

Volatile Organic Compounds by 8260 - 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 1942002 - Purge and Trap EPA 5030A

Blank (1942002-BLK1)

Prepared: 10/14/19 0 Analyzed: 10/15/19 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: 1,2-Dichloroethane-d4	0.528		"	0.500		106	70-130			
Surrogate: Toluene-d8	0.510		"	0.500		102	70-130			
Surrogate: Bromofluorobenzene	0.481		"	0.500		96.1	70-130			

LCS (1942002-BS1)

Prepared: 10/14/19 0 Analyzed: 10/15/19 1

Benzene	2.06	0.0250	mg/kg	2.50		82.4	70-130			
Toluene	2.18	0.0250	"	2.50		87.2	70-130			
Ethylbenzene	2.25	0.0250	"	2.50		90.1	70-130			
p,m-Xylene	4.41	0.0500	"	5.00		88.2	70-130			
o-Xylene	2.21	0.0250	"	2.50		88.4	70-130			
Total Xylenes	6.62	0.0250	"	7.50		88.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		"	0.500		104	70-130			
Surrogate: Toluene-d8	0.526		"	0.500		105	70-130			
Surrogate: Bromofluorobenzene	0.510		"	0.500		102	70-130			

Matrix Spike (1942002-MS1)

Source: P910061-01

Prepared: 10/14/19 0 Analyzed: 10/15/19 1

Benzene	2.12	0.0250	mg/kg	2.50	ND	84.8	48-131			
Toluene	2.22	0.0250	"	2.50	ND	88.7	48-130			
Ethylbenzene	2.29	0.0250	"	2.50	ND	91.6	45-135			
p,m-Xylene	4.50	0.0500	"	5.00	ND	90.1	43-135			
o-Xylene	2.25	0.0250	"	2.50	ND	89.9	43-135			
Total Xylenes	6.75	0.0250	"	7.50	ND	90.0	43-135			
Surrogate: 1,2-Dichloroethane-d4	0.523		"	0.500		105	70-130			
Surrogate: Toluene-d8	0.520		"	0.500		104	70-130			
Surrogate: Bromofluorobenzene	0.500		"	0.500		99.9	70-130			

Matrix Spike Dup (1942002-MSD1)

Source: P910061-01

Prepared: 10/14/19 0 Analyzed: 10/15/19 1

Benzene	2.32	0.0250	mg/kg	2.50	ND	93.0	48-131	9.16	23	
Toluene	2.40	0.0250	"	2.50	ND	96.1	48-130	7.97	24	
Ethylbenzene	2.48	0.0250	"	2.50	ND	99.1	45-135	7.82	27	
p,m-Xylene	4.86	0.0500	"	5.00	ND	97.2	43-135	7.64	27	
o-Xylene	2.43	0.0250	"	2.50	ND	97.2	43-135	7.78	27	
Total Xylenes	7.29	0.0250	"	7.50	ND	97.2	43-135	7.69	27	
Surrogate: 1,2-Dichloroethane-d4	0.520		"	0.500		104	70-130			
Surrogate: Toluene-d8	0.521		"	0.500		104	70-130			
Surrogate: Bromofluorobenzene	0.503		"	0.500		101	70-130			

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DJR Operating, LLC	Project Name:	Shelia Hixon 1	
1 Rd 3263	Project Number:	17035-0132	Reported:
Aztec NM, 87410	Project Manager:	Felipe Aragon	10/16/19 13:52

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
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Batch 1942003 - DRO Extraction EPA 3570

Blank (1942003-BLK1)

Prepared: 10/14/19 0 Analyzed: 10/14/19 2

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	51.8		"	50.0		104	50-200			

LCS (1942003-BS1)

Prepared: 10/14/19 0 Analyzed: 10/14/19 2

Diesel Range Organics (C10-C28)	513	25.0	mg/kg	500		103	38-132			
Surrogate: n-Nonane	52.4		"	50.0		105	50-200			

Matrix Spike (1942003-MS1)

Source: P910045-01

Prepared: 10/14/19 0 Analyzed: 10/14/19 2

Diesel Range Organics (C10-C28)	593	25.0	mg/kg	500	66.3	105	38-132			
Surrogate: n-Nonane	53.8		"	50.0		108	50-200			

Matrix Spike Dup (1942003-MSD1)

Source: P910045-01

Prepared: 10/14/19 0 Analyzed: 10/14/19 2

Diesel Range Organics (C10-C28)	602	25.0	mg/kg	500	66.3	107	38-132	1.50	20	
Surrogate: n-Nonane	54.9		"	50.0		110	50-200			

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DJR Operating, LLC	Project Name:	Shelia Hixon 1	
1 Rd 3263	Project Number:	17035-0132	Reported:
Aztec NM, 87410	Project Manager:	Felipe Aragon	10/16/19 13:52

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
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Batch 1942002 - Purge and Trap EPA 5030A

Blank (1942002-BLK1)

Prepared: 10/14/19 0 Analyzed: 10/15/19 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.528		"	0.500		106	70-130			
Surrogate: Toluene-d8	0.510		"	0.500		102	70-130			
Surrogate: Bromofluorobenzene	0.481		"	0.500		96.1	70-130			

LCS (1942002-BS2)

Prepared: 10/14/19 0 Analyzed: 10/15/19 1

Gasoline Range Organics (C6-C10)	46.1	20.0	mg/kg	50.0		92.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		"	0.500		101	70-130			
Surrogate: Toluene-d8	0.524		"	0.500		105	70-130			
Surrogate: Bromofluorobenzene	0.496		"	0.500		99.1	70-130			

Matrix Spike (1942002-MS2)

Source: P910061-01

Prepared: 10/14/19 0 Analyzed: 10/15/19 1

Gasoline Range Organics (C6-C10)	46.3	20.0	mg/kg	50.0	ND	92.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.531		"	0.500		106	70-130			
Surrogate: Toluene-d8	0.522		"	0.500		104	70-130			
Surrogate: Bromofluorobenzene	0.494		"	0.500		98.7	70-130			

Matrix Spike Dup (1942002-MSD2)

Source: P910061-01

Prepared: 10/14/19 0 Analyzed: 10/15/19 1

Gasoline Range Organics (C6-C10)	46.8	20.0	mg/kg	50.0	ND	93.6	70-130	1.13	20	
Surrogate: 1,2-Dichloroethane-d4	0.527		"	0.500		105	70-130			
Surrogate: Toluene-d8	0.525		"	0.500		105	70-130			
Surrogate: Bromofluorobenzene	0.500		"	0.500		100	70-130			

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DJR Operating, LLC	Project Name:	Shelia Hixon 1	
1 Rd 3263	Project Number:	17035-0132	Reported:
Aztec NM, 87410	Project Manager:	Felipe Aragon	10/16/19 13:52

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
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Batch 1941045 - Anion Extraction EPA 300.0/9056A**Blank (1941045-BLK1)**

Prepared & Analyzed: 10/10/19 1

Chloride ND 20.0 mg/kg

LCS (1941045-BS1)

Prepared & Analyzed: 10/10/19 1

Chloride 256 20.0 mg/kg 250 102 90-110

Matrix Spike (1941045-MS1)**Source: P910036-01**

Prepared & Analyzed: 10/10/19 1

Chloride 869 20.0 mg/kg 250 612 103 80-120

Matrix Spike Dup (1941045-MSD1)**Source: P910036-01**

Prepared & Analyzed: 10/10/19 1

Chloride 882 20.0 mg/kg 250 612 108 80-120 1.52 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: Shelia Hixon 1
Project Number: 17035-0132
Project Manager: Felipe Aragon

Reported:
10/16/19 13:52

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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Project Information

Chain of Custody

Page 1 of 1

Client: DJR LLC				Report Attention Report due by: _____ Email: _____ Address: _____ City, State, Zip _____ Phone: _____ Email: Gcrabtree Dcarter Faragon				Lab Use Only				TAT		EPA Program					
Project: Shelia Hixon 1								Lab WO# <u>PA10045</u>		Job Number 17035-0132		1D 3D		RCRA		CWA		SDWA	
Project Manager: F.Aragon								Analysis and Method											
Address: _____																			
City, State, Zip _____																			
Phone: _____				State NM CO UT AZ X															
Email: Gcrabtree Dcarter Faragon				Remarks															
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	8015	8021	Cl-											
12:20	10/9/2019	S	2	Composite	1	X	X	X									2 4 oz Jars, Cool		

Additional Instructions:

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: Damon Carter

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) <u>Damon Carter</u>	Date <u>10/9/19</u>	Time <u>15:12</u>	Received by: (Signature) <u>Rain Lopez</u>	Date <u>10/9/19</u>	Time <u>15:15</u>	Lab Use Only
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <u>Y</u> N
						T1
						T2
						T3
						AVG Temp °C <u>4</u>

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.

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

COMMENTS

Action 9010

COMMENTS

Operator:			OGRID:	Action Number:	Action Type:
DJR OPERATING, LLC 1 Road 3263 Aztec, NM87410			371838	9010	C-141
Created By	Comment				Comment Date
csmith	Depth To water Is Insufficient, Operator needs to include the lwater report, not just a map with DTW. Due to Operator Change I reviewed DTW and approved the closure.				12/29/2020

District I

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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 9010

CONDITIONS OF APPROVAL

Operator:	DJR OPERATING, LLC	1 Road 3263	Aztec, NM87410	OGRID:	371838	Action Number:	9010	Action Type:	C-141
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OCD Reviewer	Condition
csmith	None