

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

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

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

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.

State of New Mexico  
Oil Conservation Division

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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*

- 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: Dave Brown Title: Manager of Government and Regulatory Affairs  
 Signature: Dave Brown Date: 11/06/2019  
 email: dbrown@djrlc.com Telephone: 1-505-632-3476

**OCD Only**  
 Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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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>&gt;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 <b>not</b> 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 1/2-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.

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Oil Conservation Division

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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:   *Larissa Farrell*   Date:   6/30/2020  

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

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	
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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](mailto: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  
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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  
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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.**

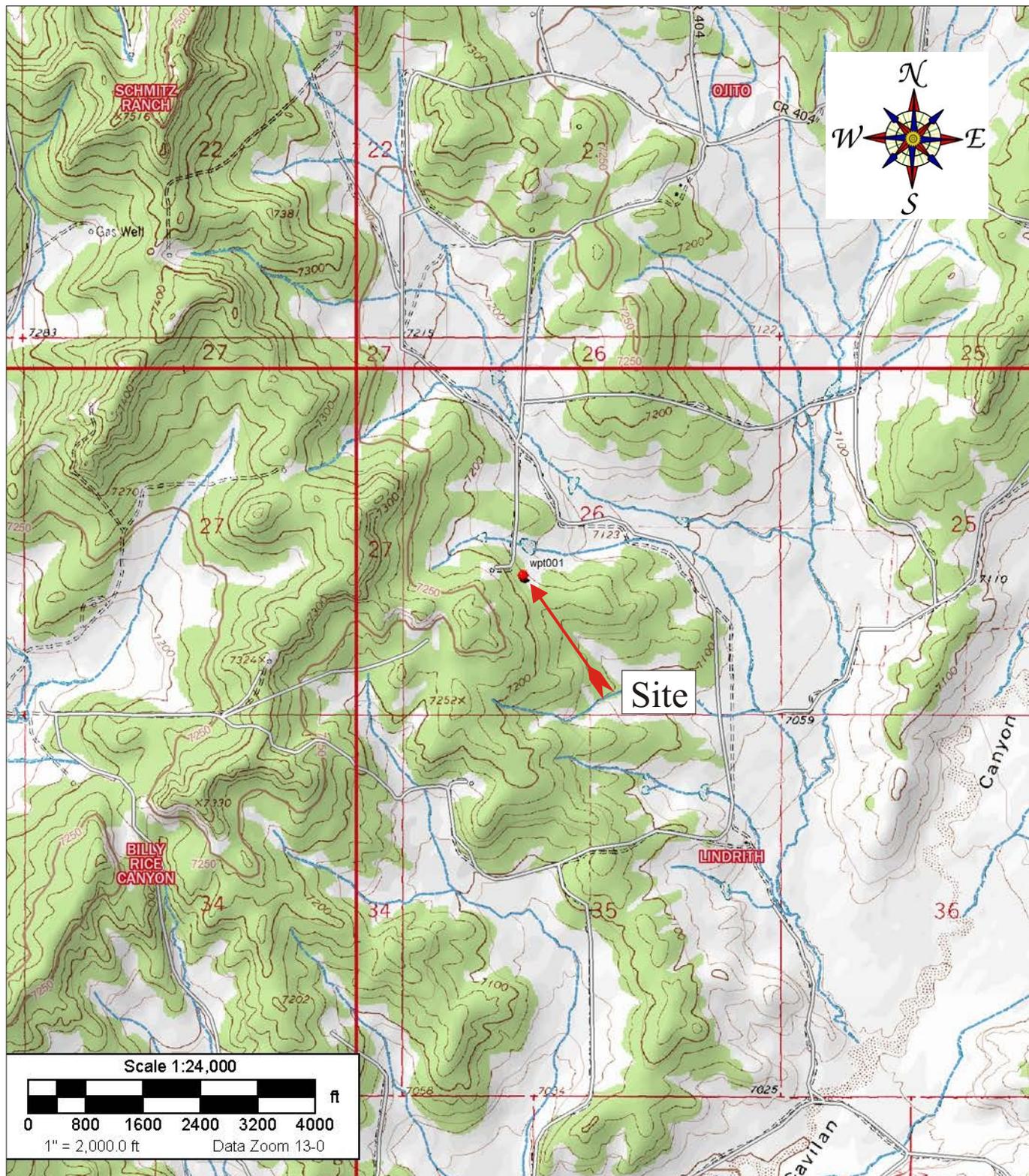
Reviewed by:

Brittany Hall for  
Clay Green  
Environmental Field Technician  
[cgreen@envirotech-inc.com](mailto:cgreen@envirotech-inc.com)

Felipe Aragon  
Felipe Aragon, CHMM, CES  
Environmental Assistant Manager  
[faragon@envirotech-inc.com](mailto: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

<p>DJR Operating          Sheila Hixon-001          Section 26, Township 25N, Range 3W          Rio Arriba County, New Mexico          36.367092, -107.117745</p>		 <p>5796 U.S. HIGHWAY 64          Farmington, New Mexico 87401          505.632.0615</p>	<p>Vicinity Map</p>	
<p>Project Number: 17035-0132</p>	<p>Date Drawn: 10/10/2019</p>		<p>Figure #1</p> <p>DRAWN BY: Clay Green      PROJECT MANAGER: Felipe Aragon</p>	



Google Earth

Legend

 -BGT location

 -Meter House location

 -Sample points

Sampling point represents a 5-point composite sample



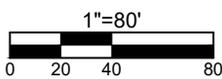
MAP DRAWN BY:

CJG  
10/9/2019

REVISIONS BY:

APPROVED BY:

FRA  
12/13/2019



# 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**

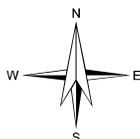
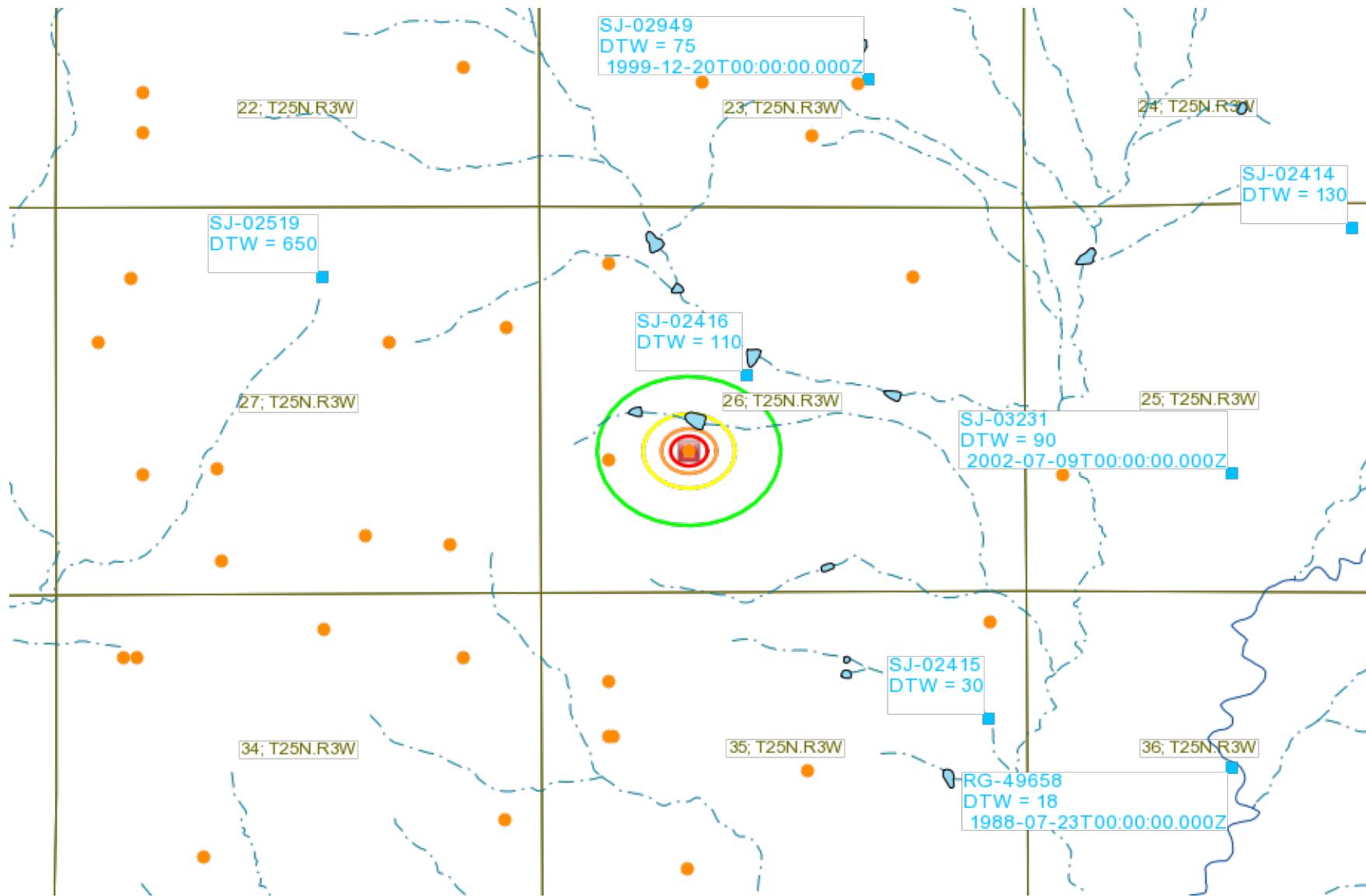


Picture 3: Former Location of BGT

<b>Site Name:</b>	Shelia Hixon 1			
<b>API #:</b>	30-039-24165			
<b>Lat/Long:</b>	36.367092, -107.117745			
<b>TRS:</b>	Section 26 T25N R3W			
<b>Land Jurisdiction:</b>	Private			
<b>County:</b>	Rio Arriba			
<b>Wellhead Protection Area Assessment</b>				
<b>Water Source Type (well/spring/stock pond)</b>	<b>ID</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Distance</b>
None				
<b>Distance to Nearest Significant Watercourse</b>				
309.3 ft south of unnamed tributary of Gavilan Canyon				
<b>Depth to Groundwater Determination</b>				
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			
<b>Sensitive Receptor Determination</b>				
<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			
<b>DTW Determination</b>	<b>≤50 <input type="checkbox"/></b>	<b>50-100 <input type="checkbox"/></b>	<b>&gt;100 <input checked="" type="checkbox"/></b>	
Benzene	<b>10</b>	<b>10</b>	<b>10</b>	
BTEX (mg/kg)	<b>50</b>	<b>50</b>	<b>50</b>	
8015 TPH (GRO/DRO) (mg/kg)	<b>Not Applicable</b>	<b>1,000</b>	<b>1,000</b>	
8015 TPH (GRO/DRO/MRO) (mg/kg)	<b>100</b>	<b>2,500</b>	<b>2,500</b>	
Chlorides (mg/kg)	<b>600</b>	<b>10,000</b>	<b>20,000</b>	



Practical Solutions of a Better Tomorrow



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)
<i>BGT Closure Criteria: Table 1 -19.15.17.13 (2008)</i>			100 mg/kg			0.2 mg/kg	50 mg/kg	250 mg/kg
<i>Release Closure Criteria: Table 1 -19.15.29.12 (2018)</i>			2,500 mg/kg			10 mg/kg		20,000
Composite	10/9/2019	1-2 inches bgs	<20.0	<b>66.3</b>	<b>153</b>	<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 that reads 'Walter Hinchman'.

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

### 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 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
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**Composite  
P910045-01 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

**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 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
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## 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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

## 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  
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

### 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 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
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## 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

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

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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 1 Rd 3263 Aztec NM, 87410	Project Name: Shelia Hixon 1 Project Number: 17035-0132 Project Manager: Felipe Aragon	<b>Reported:</b> 10/16/19 13:52
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**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							
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**LCS (1941045-BS1)**

Prepared & Analyzed: 10/10/19 1

Chloride	256	20.0	mg/kg	250	612	102	90-110			
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**Matrix Spike (1941045-MS1)**

Source: P910036-01

Prepared & Analyzed: 10/10/19 1

Chloride	869	20.0	mg/kg	250	612	103	80-120			
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**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	
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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	Project Name:	Shelia Hixon 1	<b>Reported:</b> 10/16/19 13:52
1 Rd 3263	Project Number:	17035-0132	
Aztec NM, 87410	Project Manager:	Felipe Aragon	

**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 LLC		<b>Report Attention</b>			Lab Use Only			TAT		EPA Program							
Project: Shelia Hixon 1		Report due by: _____			Lab WO#		Job Number		1D	3D	RCRA	CWA	SDWA				
Project Manager: F.Aragon		Email: _____			PA10045		17035-0132										
Address: _____		Address: _____			Analysis and Method								State				
City, State, Zip _____		City, State, Zip _____												NM	CO	UT	AZ
Phone: _____		Phone: _____												X			
Email: Gcrabtree Dcarter Faragon																	

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	8015	8021	Cl-											Remarks
12:20	10/9/2019	S	2	Composite	1	X	X	X											24 oz Jars, Cool

**Additional Instructions:** visice 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: 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) <i>Damon Carter</i>	Date 10/9/19	Time 15:12	Received by: (Signature) <i>Raina Lopez</i>	Date 10/9/19	Time 15:15	Lab Use Only
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> 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 laboraotry 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:	DJR OPERATING, LLC	1 Road 3263	Aztec, NM87410	OGRID:	371838	Action Number:	9010	Action Type:	C-141
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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

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**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
OCD Reviewer				Condition					
csmith				Condition	None				