

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: <b>Enduring Resources</b>	OGRID: <b>372286</b>
Contact Name: <b>Chad Snell</b>	Contact Telephone: <b>505-444-0586</b>
Contact email: <b>csnell@enduringresources.com</b>	Incident # (assigned by OCD): <b>NCS1913740860</b>
Contact mailing address: <b>200 Energy Court</b>	<b>Farmington, New Mexico 87401</b>

### Location of Release Source

Latitude 36.1511574 Longitude -107.570378  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: <b>N. Escavada 315H</b>	Site Type: <b>Wellsite</b>
Date Release Discovered: <b>5/5/2019</b>	API# (if applicable) <b>30-043-21888</b>

Unit Letter	Section	Township	Range	County
<b>L</b>	<b>10</b>	<b>22N</b>	<b>07W</b>	<b>San Juan</b>

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

NMOC  
JUN 27 2019  
DISTRICT III

### Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) <b>20</b>	Volume Recovered (bbls) <b>10</b>
<input type="checkbox"/> Produced Water	Volume Released (bbls):	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

On 5/5/2019 a release was discovered on the NEU 315H pad. Once flowback tanks were removed it was noticed that the soil beneath had been impacted with oil. The volume of the release was calculated to be 20 bbls using a spill calculation tool (Length X Width X Average Depth X Effected Porosity divided by 5.6146) with 10 bbls being recovered. All clean-up activities have been completed.

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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*

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input 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: _____ Title: _____  Signature: _____ Date: _____  email: _____ Telephone: _____
<b><u>OCD Only</u></b>  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?	261 (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 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.

State of New Mexico  
Oil Conservation Division

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Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

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

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

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



Incident ID	
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## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: \_\_\_\_\_ Title: \_\_\_\_\_

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

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

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

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ 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: Chad SnellTitle: HSE TechSignature: Date: 6/26/2019email: csnell@enduringresources.comTelephone: (505)444-0586

### OCD Only

Received by: GCDDate: 6/27/19

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: 7/16/19Printed Name: CoryTitle: Environmental Spec

## **NEU 315H Remediation Narrative**

**5/5/2019**

A release was discovered on the NEU 315H pad, once flow back tanks were removed it was noticed that the soil beneath had been impacted with oil. The volume of the release was calculated to be 20 bbls using a spill calculation tool, which is calculated by Length X Width X Average Depth X Effectuated Porosity divided by 5.6146. A Hydro-vac truck was onsite and recovered 10 bbls. Additional clean-up activities were scheduled.

**5/15/2019**

Clean-up activities were complete, scrapping impacted area with a back hoe. 48 yards of contaminated soil were removed. A few flow back tanks still needed moved to finish clean-up of contaminated soil.

**5/23/2019**

All flow back tanks had been removed and additional clean-up activities were completed. An additional 24 yards of contaminated soil was removed with a total of approximately 72 yards of soil being removed.

**6/5/2019**

Email notification was sent to NMOCD that closure sampling would occur on Friday June 7<sup>th</sup> 2019. See attached *"Email notification"*.

**6/7/2019**

Enduring personnel was onsite to perform closure sampling, NMOCD was not onsite to witness sampling. A total of 8 composite samples were taken from excavated area and sent to the lab for analysis of BTEX, GRO/DRO/ORO, and Chlorides.

**6/11/2019**

Analytical report was received and returned results were under closure criteria for this site (Benzene: 10 ppm, BTEX: 50 ppm, DRO+GRO: 1,000 ppm, Chlorides: 20,000 ppm) . Closure criteria for this site was determined by a cathodic that was drilled at the North Escavada 329H which is a nearby location, see attached *"Ground bed drilling log"* and *"Distance to Cathodic Map"*. Which would make ground water over 100ft at the NEU 315H. No further excavation is needed and area was backfilled.



Enduring Resources, LLC  
Photo Page  
NEU 315H  
30-043-21888

Photos: Impacted Area







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Photo Page  
NEU 315H  
30-043-21888





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Photo Page  
NEU 315H  
30-043-21888

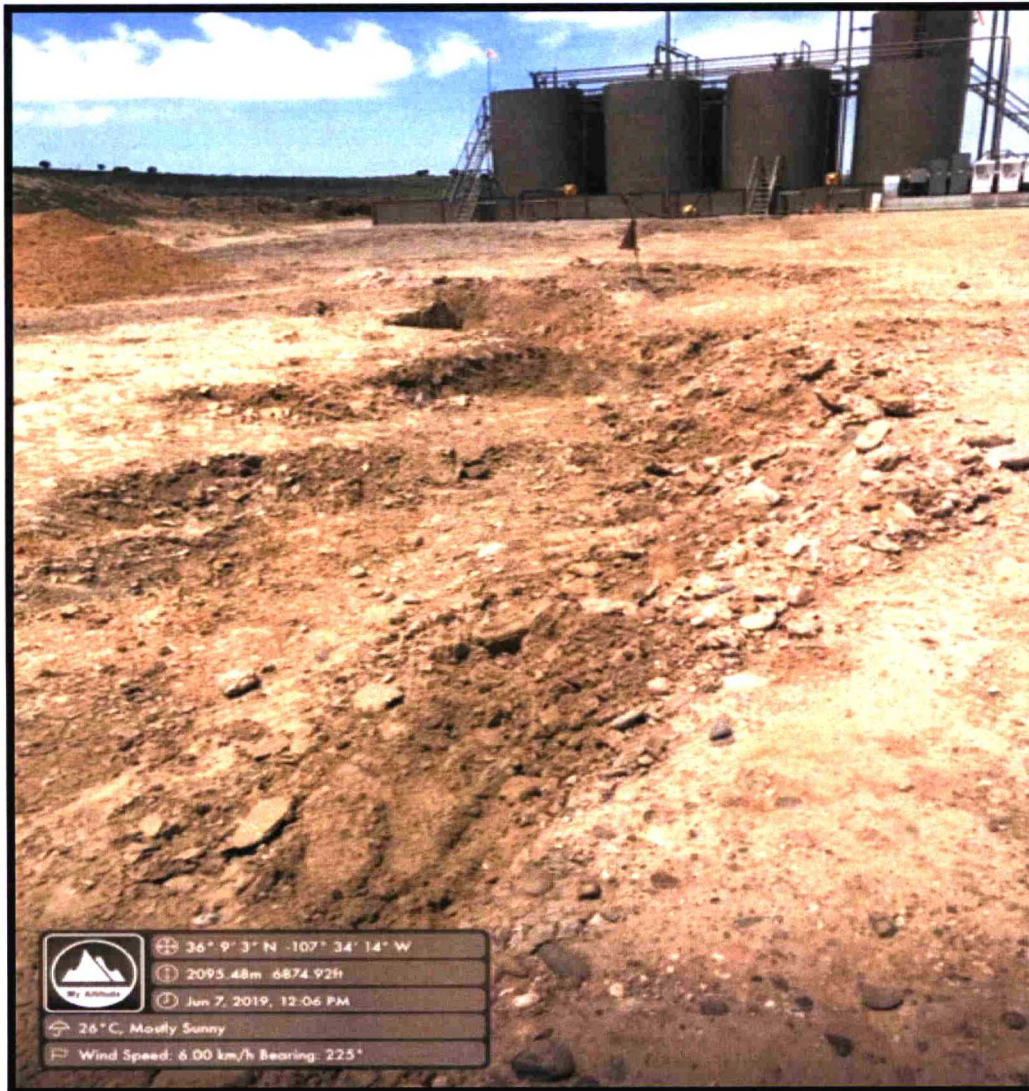
Photos: After Clean-Up







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Photo Page  
NEU 315H  
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Photo Page  
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Photo Page  
NEU 315H  
30-043-21888



## **Chad Snell**

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**From:** Chad Snell  
**Sent:** Wednesday, June 05, 2019 7:43 AM  
**To:** 'Smith, Cory, EMNRD'  
**Cc:** James McDaniel; 'aadeloye@blm.gov'  
**Subject:** Closure Sampling

Cory,

Enduring will be performing sampling activities on Friday June 7<sup>th</sup>, 2019 at the following locations.

**Kimbeto Wash 771H pipeline release Incident # NCS1913036817 (API: 30-045-35756, Sec: 17, Twn: 23N, RGE: 9W)-**  
Starting at 9:00am. One sample section had slightly elevated results. Once we are finished with sampling activities at this location we will then head to the NEU 315H.

**North Escavada Unit 315H Incident # NCS1913740860 (API: 30-043-21888, Sec: 10, Twn: 22N, RGE: 7W)-** Sampling activities will begin after the Kimbeto Wash 771H Pipeline release.

Please let us know if you have any questions.

Thank you.

Chad Snell  
HSE Tech  
Enduring Resources  
(505) 444-0586.

**NEU 315H Sample Results Table**

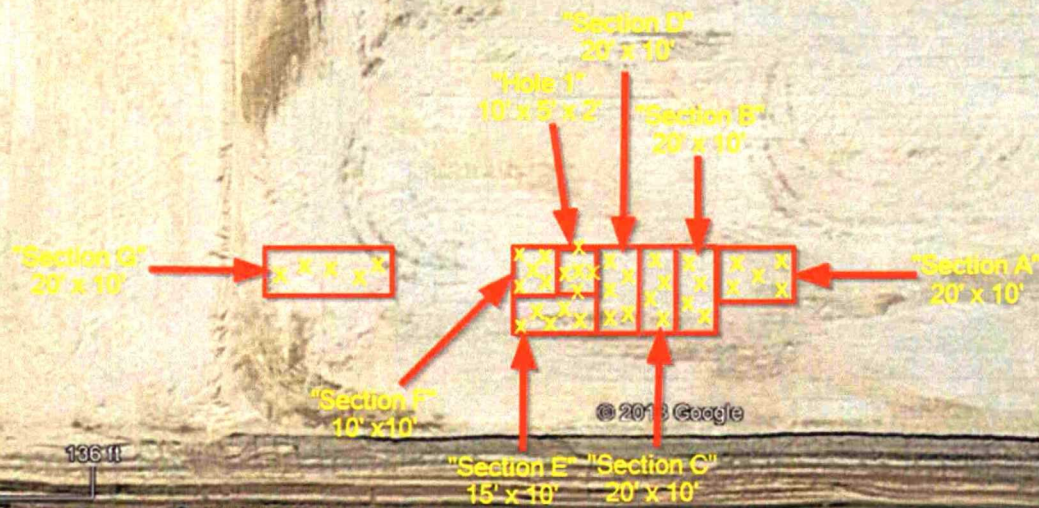
Sample Name	Description	Date	Time	DRO	GRO	DRO+ GRO	ORO	Total TPH	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Chlorides	Square Footage
STANDARD	Wash <300ft	NA	NA	NA	NA	1000	NA	2500	10	NA	NA	NA	50	20,000	200 sq. ft
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Section A	Composite	6/7/2019	10:30 AM	45	<20	65	<50	<115	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	55.2	200
Section B	Composite	6/7/2019	10:35 AM	57.2	<20	77.2	<50	<127.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	20.7	200
Section C	Composite	6/7/2019	10:40 AM	383	<20	403	193	596	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	42.5	200
Section D	Composite	6/7/2019	10:45 AM	<25	<20	<45	<50	<50	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	70.9	200
Section E	Composite	6/7/2019	10:50 AM	448	<20	<468	250	718	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	77	150
Hole 1	Composite	6/7/2019	10:55 AM	123	<20	<143	83.9	226.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	82.4	100
Section F	Composite	6/7/2019	11:00 AM	49.5	<20	<69.5	<50	<119.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	109	100
Section G	Composite	6/7/2019	11:05 AM	39.5	<20	<59.5	<50	<109.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	167	200

CLOSURE SAMPLES



Sample Points on 6/7/2019

N Escavada Unit 330H  
N Escavada Unit 330H  
N Escavada Unit 315H



Google Earth



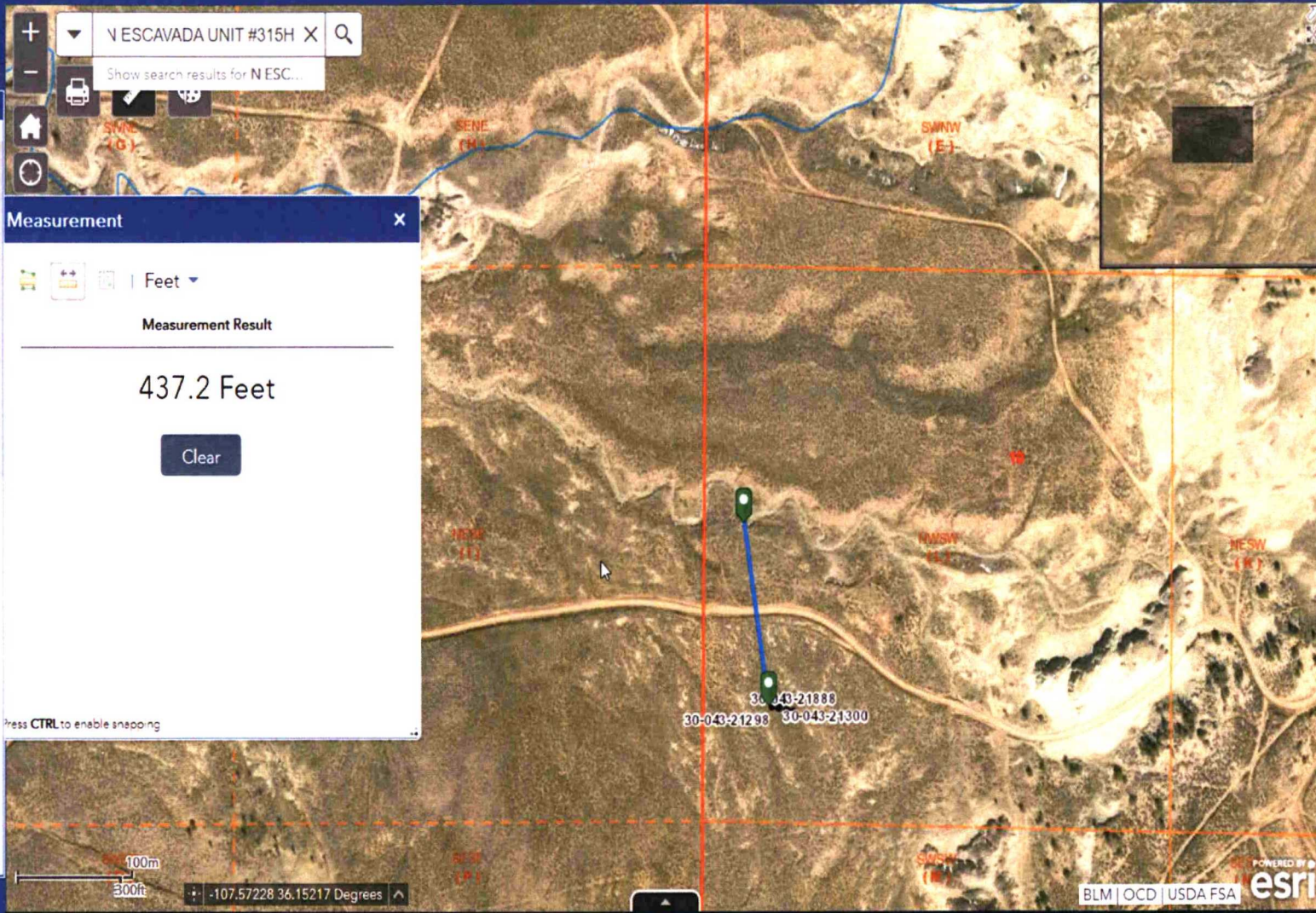


Legend

New Mexico Oil and Gas Wells

Well Locations - Large Scale

- Miscellaneous
- CO2 Active
- CO2 Cancelled
- CO2 New
- CO2, Plugged
- CO2, Temporarily Abandoned
- Gas Active
- Gas, Cancelled, Never Drilled
- Gas, New
- Gas, Plugged
- Gas, Temporarily Abandoned
- Injection, Active
- Injection, Cancelled
- Injection, New
- Injection, Plugged
- Injection, Temporarily Abandoned
- Oil, Active
- Oil, Cancelled
- Oil, New
- Oil, Plugged
- Oil, Temporarily Abandoned
- Salt Water Injection, Active



# Ground Rod Drilling Log

Company: WPA Energy

Well: North Escanaba UT 323H

Date: 11-12-2016

Location: Sic10T32ALEW

State: New Mexico

Rig: Shag #1

Ground Rod Depth: 340'

Water Depth: 0

Diameter: 10"

Rate: 38 gpm

Latitude: 36.4145 72

Longitude: -107.514734

DEPTH

FORMATION

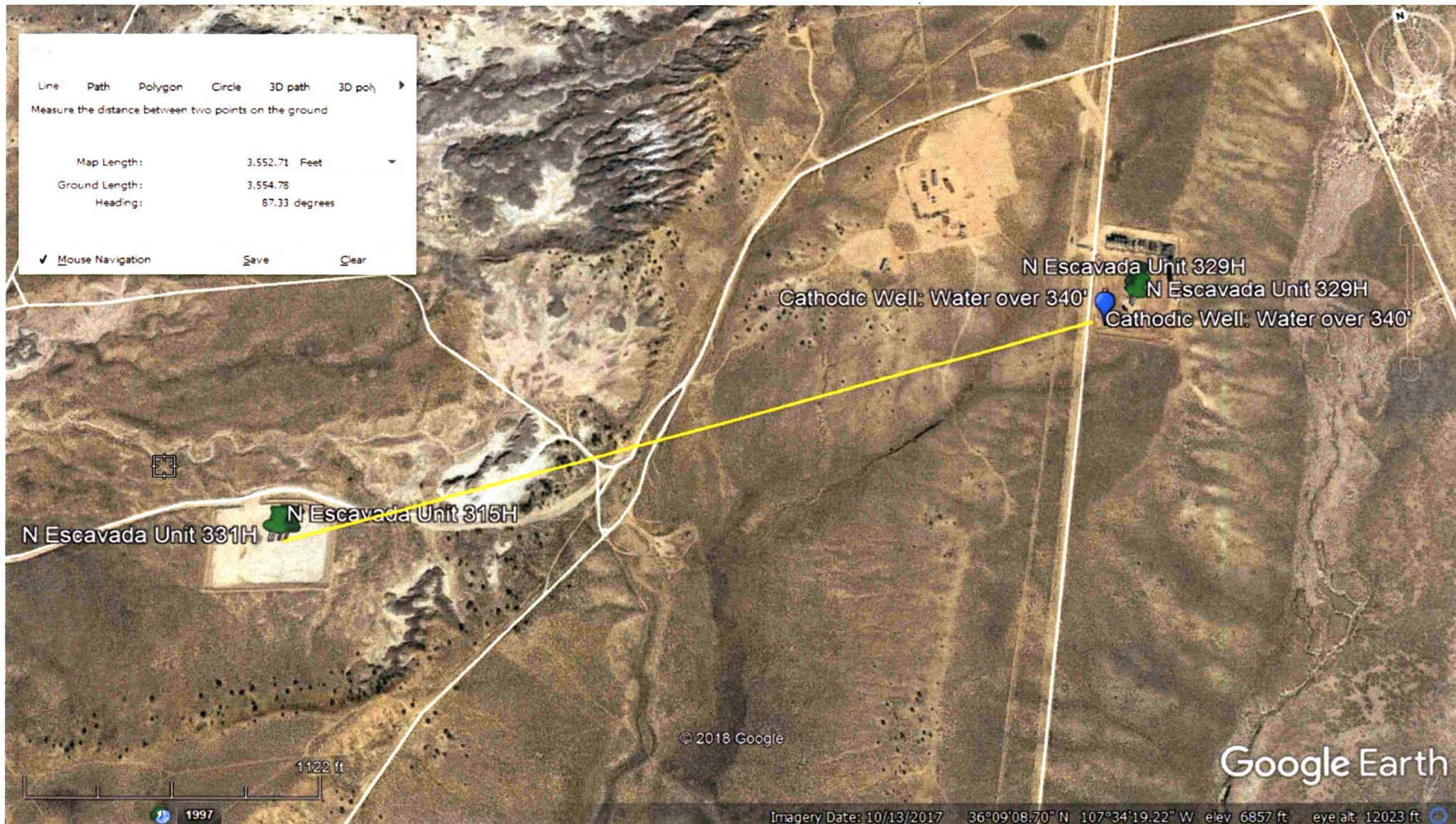
OTHER

<u>0-60</u>	Sand Stone, Shale, Sand w/ Shale w/ Sand	<u>PVC</u>
<u>60-100</u>	Sand Stone, Shale, <u>Sand w/ Shale w/ Sand</u>	
<u>100-140</u>	Sand Stone, Shale, Sand w/ <u>Shale w/ Sand</u>	
<u>140-190</u>	Sand Stone, Shale, <u>Sand w/ Shale w/ Sand</u>	
<u>190-250</u>	Sand Stone, Shale, <u>Sand w/ Shale w/ Sand</u>	
<u>250-300</u>	Sand Stone, Shale, Sand w/ <u>Shale w/ Sand</u>	
<u>300-340</u>	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	

## **GROUNDWATER DEPTH LOG**

Company: WPA Energy			Location: North Escanaba UT 323H
			Well Name: Sic10T32ALEW
			Latitude: 36.4145 22 / -107.514734
			Elevation:
Packer Type: Packeroff Sand-			Punch
Casing Installation Method:			
Recorded Test Depths: 50', 55', & 105' unless otherwise requested			
Date	Time	Depth	Comments
11-12-16	10 am	30'	drilled 30'
	11 am	30'	tested no water
	11:30	55'	drilled to 55'
	12:00	55'	tested no water
	11:45	105'	drilled to 105'
	21:45	105'	tested no water set 60' casing
10-13-16	8:30 am	105'	no water
	11:45	340'	finished ground rod









# National Wetlands Inventory

surface waters and wetlands

ABOUT

GET DATA

PRINT

FIND LOCATION

## BASEMAPS >

## MAP LAYERS >

- ☒ Wetlands 1 ?
- ☐ Riparian 1 ?
- ☐ Riparian Mapping Areas 1 ?
- ☒ Data Source 1 ?
  - ☐ Source Type
  - ☐ Image Scale
  - ☐ Image Year
- ☐ Areas of Interest ?
- ☐ FWS Managed Lands 1 ?
- ☐ Historic Wetland Data 1 ?

Measure

Feet

Measurement Result

1,614.4 Feet

LEGEND

NEU 315H

1:4,514  
36.153 | -107.578

USDA FSA | Esri, HERE, Garmin, iPC | U.S. Fish and Wildlife Service, National Standards and Support Team, ...

POWERED BY  
esri



# National Flood Hazard Layer FIRMette



36°9'18.69"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone J
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes, Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/12/2019 at 10:29:24 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

USGS The National Map: Orthoimagery. Data refreshed April, 2019.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

36°8'49.64"N

107°33'54.63"W





## Analytical Report

### Report Summary

Client: Enduring Resources, LLC

Samples Received: 6/7/2019

Job Number: 17065-0017

Work Order: P906026

Project Name/Location: NEU 315H

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a horizontal line.

Date: 6/11/19

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. currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.



Enduring Resources, LLC  
511 16th Street, Suite 700  
Denver CO, 80202

Project Name: NEU 315H  
Project Number: 17065-0017  
Project Manager: Chad Snell

Reported:  
06/11/19 16:12

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Section A	P906026-01A	Soil	06/07/19	06/07/19	Glass Jar, 4 oz.
Section B	P906026-02A	Soil	06/07/19	06/07/19	Glass Jar, 4 oz.
Section C	P906026-03A	Soil	06/07/19	06/07/19	Glass Jar, 4 oz.
Section D	P906026-04A	Soil	06/07/19	06/07/19	Glass Jar, 4 oz.
Section E	P906026-05A	Soil	06/07/19	06/07/19	Glass Jar, 4 oz.
Hole I	P906026-06A	Soil	06/07/19	06/07/19	Glass Jar, 4 oz.
Section F	P906026-07A	Soil	06/07/19	06/07/19	Glass Jar, 4 oz.
Section G	P906026-08A	Soil	06/07/19	06/07/19	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



Enduring Resources, LLC  
511 16th Street, Suite 700  
Denver CO, 80202

Project Name: NEU 315H  
Project Number: 17065-0017  
Project Manager: Chad Snell

Reported:  
06/11/19 16:12

**Section A**  
**P906026-01 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %		50-150	1923035	06/07/19	06/10/19	EPA 8021B	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	45.3	25.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Surrogate: n-Nonane		107 %		50-200	1923037	06/07/19	06/10/19	EPA 8015D	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %		50-150	1923035	06/07/19	06/10/19	EPA 8015D	
<b>Anions by 300.0/9056A</b>									
Chloride	55.2	20.0	mg/kg	1	1923038	06/07/19	06/07/19	EPA 300.0/9056A	

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Project Name: NEU 315H  
Project Number: 17065-0017  
Project Manager: Chad Snell

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**Section B**  
**P906026-02 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %		50-150	1923035	06/07/19	06/10/19	EPA 8021B	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	57.2	25.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Surrogate: n-Nonane		105 %		50-200	1923037	06/07/19	06/10/19	EPA 8015D	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %		50-150	1923035	06/07/19	06/10/19	EPA 8015D	
<b>Anions by 300.0/9056A</b>									
Chloride	20.7	20.0	mg/kg	1	1923038	06/07/19	06/07/19	EPA 300.0/9056A	

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Project Manager: Chad Snell

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**Section C**  
**P906026-03 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %		50-150	1923035	06/07/19	06/10/19	EPA 8021B	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	383	25.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Oil Range Organics (C28-C40)	193	50.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Surrogate: n-Nonane		110 %		50-200	1923037	06/07/19	06/10/19	EPA 8015D	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %		50-150	1923035	06/07/19	06/10/19	EPA 8015D	
<b>Anions by 300.0/9056A</b>									
Chloride	42.5	20.0	mg/kg	1	1923038	06/07/19	06/07/19	EPA 300.0/9056A	

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Project Number: 17065-0017  
Project Manager: Chad Snell

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**Section D**  
**P906026-04 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %		50-150	1923035	06/07/19	06/10/19	EPA 8021B	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Surrogate: n-Nonane		104 %		50-200	1923037	06/07/19	06/10/19	EPA 8015D	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %		50-150	1923035	06/07/19	06/10/19	EPA 8015D	
<b>Anions by 300.0/9056A</b>									
Chloride	70.9	20.0	mg/kg	1	1923038	06/07/19	06/07/19	EPA 300.0/9056A	

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Project Number: 17065-0017  
Project Manager: Chad Snell

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**Section E**  
**P906026-05 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %		50-150	1923035	06/07/19	06/10/19	EPA 8021B	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	448	25.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Oil Range Organics (C28-C40)	250	50.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Surrogate: n-Nonane		112 %		50-200	1923037	06/07/19	06/10/19	EPA 8015D	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %		50-150	1923035	06/07/19	06/10/19	EPA 8015D	
<b>Anions by 300.0/9056A</b>									
Chloride	77.0	20.0	mg/kg	1	1923038	06/07/19	06/07/19	EPA 300.0/9056A	

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Project Manager: Chad Snell

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**Hole 1**  
**P906026-06 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %		50-150	1923035	06/07/19	06/10/19	EPA 8021B	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	123	25.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Oil Range Organics (C28-C40)	83.9	50.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Surrogate: n-Nonane		104 %		50-200	1923037	06/07/19	06/10/19	EPA 8015D	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %		50-150	1923035	06/07/19	06/10/19	EPA 8015D	
<b>Anions by 300.0/9056A</b>									
Chloride	82.4	20.0	mg/kg	1	1923038	06/07/19	06/07/19	EPA 300.0/9056A	

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Project Number: 17065-0017  
Project Manager: Chad Snell

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**Section F**  
**P906026-07 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %		50-150	1923035	06/07/19	06/10/19	EPA 8021B	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	49.5	25.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Surrogate: n-Nonane		99.9 %		50-200	1923037	06/07/19	06/10/19	EPA 8015D	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %		50-150	1923035	06/07/19	06/10/19	EPA 8015D	
<b>Anions by 300.0/9056A</b>									
Chloride	109	20.0	mg/kg	1	1923038	06/07/19	06/07/19	EPA 300.0/9056A	

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**Section G**  
**P906026-08 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b><u>Volatile Organics by EPA 8021</u></b>									
Benzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %		50-150	1923035	06/07/19	06/10/19	EPA 8021B	
<b><u>Nonhalogenated Organics by 8015 - DRO/ORO</u></b>									
Diesel Range Organics (C10-C28)	39.5	25.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1923037	06/07/19	06/10/19	EPA 8015D	
Surrogate: n-Nonane		104 %		50-200	1923037	06/07/19	06/10/19	EPA 8015D	
<b><u>Nonhalogenated Organics by 8015 - GRO</u></b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1923035	06/07/19	06/10/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %		50-150	1923035	06/07/19	06/10/19	EPA 8015D	
<b><u>Anions by 300.0/9056A</u></b>									
Chloride	167	20.0	mg/kg	1	1923038	06/07/19	06/07/19	EPA 300.0/9056A	

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### 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 1923035 - Purge and Trap EPA 5030A

##### Blank (1923035-BLK1)

Prepared: 06/07/19 | Analyzed: 06/10/19 |

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 7.72 " 8.00 96.5 50-150

##### LCS (1923035-BS1)

Prepared: 06/07/19 | Analyzed: 06/10/19 |

Benzene	4.28	0.0250	mg/kg	5.00		85.6	70-130			
Toluene	4.65	0.0250	"	5.00		92.9	70-130			
Ethylbenzene	4.60	0.0250	"	5.00		92.0	70-130			
p,m-Xylene	9.48	0.0500	"	10.0		94.8	70-130			
o-Xylene	4.62	0.0250	"	5.00		92.4	70-130			
Total Xylenes	14.1	0.0250	"	15.0		94.0	70-130			

Surrogate: 4-Bromochlorobenzene-PID 7.80 " 8.00 97.4 50-150

##### Matrix Spike (1923035-MS1)

Source: P906026-01

Prepared: 06/07/19 | Analyzed: 06/10/19 |

Benzene	4.28	0.0250	mg/kg	5.00	ND	85.7	54.3-133			
Toluene	4.66	0.0250	"	5.00	ND	93.2	61.4-130			
Ethylbenzene	4.62	0.0250	"	5.00	ND	92.4	61.4-133			
p,m-Xylene	9.51	0.0500	"	10.0	ND	95.1	63.3-131			
o-Xylene	4.62	0.0250	"	5.00	ND	92.3	63.3-131			
Total Xylenes	14.1	0.0250	"	15.0	ND	94.2	63.3-131			

Surrogate: 4-Bromochlorobenzene-PID 7.74 " 8.00 96.8 50-150

##### Matrix Spike Dup (1923035-MSD1)

Source: P906026-01

Prepared: 06/07/19 | Analyzed: 06/10/19 |

Benzene	4.13	0.0250	mg/kg	5.00	ND	82.7	54.3-133	3.53	20	
Toluene	4.50	0.0250	"	5.00	ND	89.9	61.4-130	3.59	20	
Ethylbenzene	4.48	0.0250	"	5.00	ND	89.6	61.4-133	3.10	20	
p,m-Xylene	9.24	0.0500	"	10.0	ND	92.4	63.3-131	2.88	20	
o-Xylene	4.51	0.0250	"	5.00	ND	90.2	63.3-131	2.33	20	
Total Xylenes	13.8	0.0250	"	15.0	ND	91.7	63.3-131	2.70	20	

Surrogate: 4-Bromochlorobenzene-PID 7.81 " 8.00 97.7 50-150

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Project Name: NEU 315H  
Project Number: 17065-0017  
Project Manager: Chad Snell

Reported:  
06/11/19 16:12

### 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 1923037 - DRO Extraction EPA 3570

##### Blank (1923037-BLK1)

Prepared: 06/07/19 | Analyzed: 06/10/19 |

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	55.2		"	50.0		110	50-200			

##### LCS (1923037-BS1)

Prepared: 06/07/19 | Analyzed: 06/10/19 |

Diesel Range Organics (C10-C28)	474	25.0	mg/kg	500		94.8	38-132			
Surrogate: n-Nonane	56.2		"	50.0		112	50-200			

##### Matrix Spike (1923037-MS1)

Source: P906026-01

Prepared: 06/07/19 | Analyzed: 06/10/19 |

Diesel Range Organics (C10-C28)	519	25.0	mg/kg	500	45.3	94.8	38-132			
Surrogate: n-Nonane	56.7		"	50.0		113	50-200			

##### Matrix Spike Dup (1923037-MSD1)

Source: P906026-01

Prepared: 06/07/19 | Analyzed: 06/11/19 |

Diesel Range Organics (C10-C28)	575	25.0	mg/kg	500	45.3	106	38-132	10.1	20	
Surrogate: n-Nonane	64.0		"	50.0		128	50-200			

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Enduring Resources, LLC  
511 16th Street, Suite 700  
Denver CO, 80202

Project Name: NEU 315H  
Project Number: 17065-0017  
Project Manager: Chad Snell

Reported:  
06/11/19 16:12

### 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
<b>Batch 1923035 - Purge and Trap EPA 5030A</b>										
<b>Blank (1923035-BLK1)</b>				Prepared: 06/07/19   Analyzed: 06/10/19						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.37		"	8.00		105	50-150			
<b>LCS (1923035-BS2)</b>				Prepared: 06/07/19   Analyzed: 06/10/19						
Gasoline Range Organics (C6-C10)	50.0	20.0	mg/kg	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.37		"	8.00		105	50-150			
<b>Matrix Spike (1923035-MS2)</b>				Source: P906026-01	Prepared: 06/07/19   Analyzed: 06/10/19					
Gasoline Range Organics (C6-C10)	42.7	20.0	mg/kg	50.0	ND	85.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.38		"	8.00		105	50-150			
<b>Matrix Spike Dup (1923035-MSD2)</b>				Source: P906026-01	Prepared: 06/07/19   Analyzed: 06/10/19					
Gasoline Range Organics (C6-C10)	49.2	20.0	mg/kg	50.0	ND	98.5	70-130	14.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.48		"	8.00		106	50-150			

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5796 Highway 64, Farmington, NM 87401

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24 Hour Emergency Response Phone (800) 362-1879

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Enduring Resources, LLC  
511 16th Street, Suite 700  
Denver CO, 80202

Project Name: NEU 315H  
Project Number: 17065-0017  
Project Manager: Chad Snell

Reported:  
06/11/19 16:12

### 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
<b>Batch 1923038 - Anion Extraction EPA 300.0/9056A</b>										
<b>Blank (1923038-BLK1)</b>				Prepared: 06/07/19   Analyzed: 06/11/19						
Chloride	ND	20.0	mg/kg							
<b>LCS (1923038-BS1)</b>				Prepared: 06/07/19   Analyzed: 06/11/19						
Chloride	257	20.0	mg/kg	250		103	90-110			
<b>Matrix Spike (1923038-MS1)</b>				Source: P906026-01		Prepared: 06/07/19   Analyzed: 06/11/19				
Chloride	318	20.0	mg/kg	250	55.2	105	80-120			
<b>Matrix Spike Dup (1923038-MSD1)</b>				Source: P906026-01		Prepared: 06/07/19   Analyzed: 06/11/19				
Chloride	321	20.0	mg/kg	250	55.2	106	80-120	0.988	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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Enduring Resources, LLC  
511 16th Street, Suite 700  
Denver CO, 80202

Project Name: NEU 315H  
Project Number: 17065-0017  
Project Manager: Chad Snell

Reported:  
06/11/19 16:12

#### Notes and Definitions

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

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## Project Information

## Chain of Custody

Page 1 of 1

Client: <u>Enduring Resources</u>		Report due by:		Lab Use Only		TAT		EPA Program				
Project: <u>NEW 315H</u>		Attention:		Lab WO# <u>P9060716</u>		Job Number <u>7065-001</u>		1D	3D	RCRA	CWA	SDWA
Project Manager: <u>Chad Smell</u>		Address:		Analysis and Method				State				
Address: <u>200 Energy Court</u>		City, State, Zip						NM CO UT AZ				
City, State, Zip: <u>Flagstaff, NM 87401</u>		Phone:										
Phone: <u>(505) 444-0586</u>		Email:										
Email: <u>C.Smell@enduringresources.com</u>												

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1	Remarks
10:30	6-7-19	S	1	Section A	1	X	X	X			X		
10:35		S	1	Section B	2	X	X	X			X		
10:40		S	1	Section C	3	X	X	X			X		
10:45		S	1	Section D	4	X	X	X			X		
10:50		S	1	Section E	5	X	X	X			X		
10:55		S	1	Hole 1	6	X	X	X			X		
11:00		S	1	Section F	7	X	X	X			X		
11:05		S	1	Section G	8	X	X	X			X		

## Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: C.S 6-7-19

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>[Signature]</u>	Date <u>6-7-19</u>	Time <u>1:35pm</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>6/7/19</u>	Time <u>13:35</u>	Lab Use Only
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <u>(Y) N</u>
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.

Page 16 of 16



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 Three Springs - 63 Mercado Street, Suite 115, Durango, CO 81301

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 Pb (970) 259-0615 Fx (970) 362-1870

ANALYZED BY: [Signature]  
 LABORATORY MANAGER: [Signature]