

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	nCS1917537260
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Epic Energy, LLC	OGRID 372834
Contact Name Vanessa Fields	Contact Telephone 505-787-9100
Contact email vanessa@walsheng.net	Incident # (assigned by OCD) NCS 1917537260
Contact mailing address 7415 East Main Street Farmington, NM 87402	

Location of Release Source

Latitude 36.1853065 Longitude -107.5595322
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Federal B L #002	Site Type Oil
Date Release Discovered June 24, 2019	API# (if applicable) 30-043-20338

Unit Letter	Section	Township	Range	County
G	34	23N	07W	Sandoval

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 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 checked="" type="checkbox"/> Other (describe)	Volume/Weight Released (provide units) 240 BBLS Flowback fluid	Volume/Weight Recovered (provide units)

Cause of Release

The Federal BL 1/002 well had an observed completion hit from the N Alamito Unit #233H around 2:00am on June 24, 2019. Flowback water was observed to be released from the onsite flowback tank. Onsite fluid was removed, and the source of the release was stopped. Flowback fluid traveled offsite onto nearby wash Reference map of release map attached. Epic Energy has currently installed oil booms at the end of the wash to contain any hydrocarbons in the event of a rain event. As well as in the process identifying an Archaeologist to perform an Arachnology study before any mechanical means can be utilized to remediate the affected wash area as required by the Farmington NM BLM Field Office. Epic Energy is currently investigation additional remediation efforts in order to mitigate the release. Release coordinates: 36.185307-107.55953 to 36.18528, -107.5645

State of New Mexico

Incident ID	
District RP	
Facility ID	
Application ID	

<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p> <p>On June 24, 2019 Phone Notification of Major Release Operator called to report a 100\square- barrel of Frac fluid over topped an AST around 2:00AM and flowed approximately .5 miles south in a dry wash. Operator indicated that they were securing the site and will send notification to OCD and SLM. June 25, 2019 Email Notice of Major Release Epic Energy is providing 24-hour written notification (verbal notification was made to Cory Smith District III office at 10:21 am this morning) of an estimated 100 BBL frac release due to the Federal B L #002 well have frac communication f om nearby stimulation. The release traveled roughly 1/2 mile down un unnamed wash. All free liquids have been removed. No injuries nor illness were reported. An investigation is pending to determine the cause of the release.</p>	

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: _____	Title: _____
Signature: _____	Date: _____
email: _____	Telephone: _____

Form C-141

State of New Mexico
Oil Conservation Division

Page 3

Incident ID	
District RP	
Facility ID	
Application ID	

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>50</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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input 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

Incident ID	
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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: Vanessa Fields Title: Regulatory Manager

Signature:  Date: 1/9/2019

email: vanessa@walsheng.net Telephone: 505-787-9100

OCD Only

Received by: _____ Date: _____

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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: Vanessa Fields Title: Regulatory Compliance Manger

Signature:  Date: 1/9/2019

email: vanessa@walsheng.net Telephone: 505-787-9100

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: Nelson Velez Date: 02/03/2023

Printed Name: Nelson Velez Title: Environmental Specialist – Adv



7415 East Main Street
Farmington, New Mexico 87402
(505) 327-4892 | Fax (505) 327-9834

Sampling Plan and Final Report

Mr. Cory Smith
New Mexico Oil Conservation Division
District III Office Aztec, NM 87410

Federal B L #002 Release

API# 30-043-20338
G 34 23N 07W
Sandoval County, NM

Coordinates of Release:

36.185307-107.55953
36.18528, -107.5645

INC# nCS1917537260

Dear Mr. Smith,

On June 24, 2019 Epic Energy LLC. Experienced a completion communication from the North Alamito Unit #233H around 2:00am. Flowback fluid was released and traveled roughly less than a ½ mile down an unnamed wash. Epic Energy responded to the release by installing oil booms in segregating portions and the end of the release to mitigate any impacts from traveling downstream. Oil soaker pads were utilized to soak up any noticeable staining within the wash area. On June 25, 2019 Epic Energy representative meet Cory Smith with the NMOCD onsite at the Federal B L #002 site. A walkthrough of the release occurred, and it was noted that a few area's had areas of hydrocarbon staining. A brief sampling plan was discussed onsite. On July 9, 2019 Epic Representative returned to the release area and conducted an inspection of the area after a rainstorm event occurred in the area. It was noted the oil booms that were installed prior to the rainstorms were effective with catching any hydrocarbons that were mobile with all the oil booms remaining intact. It was noted that two booms that were installed at the road were unraveling. However, the booms at the end of the release held firmly catching any further hydrocarbons that would have traveled downstream. On the same day 25 5-point composite samples were collected and analyzed via a Photoionization detector (PID) to determine the remediation path forward for the release area of the wash. All field readings came back at non-detect. Epic Energy utilized this method for field and internal process only.



7415 East Main Street
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Proposed Sampling Plan.

Epic Energy proposes the following sampling plan based on site inspections of that have occurred, PID readings that were collected and sampling plans that have been approved by the NMOCD on previous releases that have occurred with such circumstances.

Based on the sitting criteria of the

release Epic Energy will sample all constituents in accordance with 19.15.29.12 NMAC, Table 1.

- 10 milligrams per kilogram (mg/kg) benzene;
- 50 mg/kg total benzene, BTEX;
- 100 mg/kg TPH (the total sum of gasoline range organics, diesel range organics, and motor oil range organics); and
- 600 mg/kg chloride.

The release path of the area is roughly 2,041 feet long. In many areas of the wash the vertical extent ranges from 2' to 10'. Epic Energy is estimating the impacted footprint to be 10,205 sq. feet. Epic Energy request 500 sq. feet sampling sections with a 6-point composite sample collected for every 500 sq. feet. Samples will be collected via hand shovel at intervals of 1' Bgs. All sampling area's will be pinned flagged prior to sampling indicating sampling sections. A grab sample will be collected from any obvious staining and/or area's demonstrating a hydrocarbon odor.

Soil samples will be submitted to Envirotech Inc, New Mexico, for analysis of BTEX by EPA Method 8021, TPH by EPA Method 8015, and chloride by EPA Method 300.0. Samples will be submitted under standard chain-of-custody procedure and analyzed within a three-day turnaround time. Prior to any soil sampling, 48-hour notification will be provided to the NMOCD and BLM.

Upon approval of the referenced sampling plan Epic Energy will schedule sampling within a week of approval.



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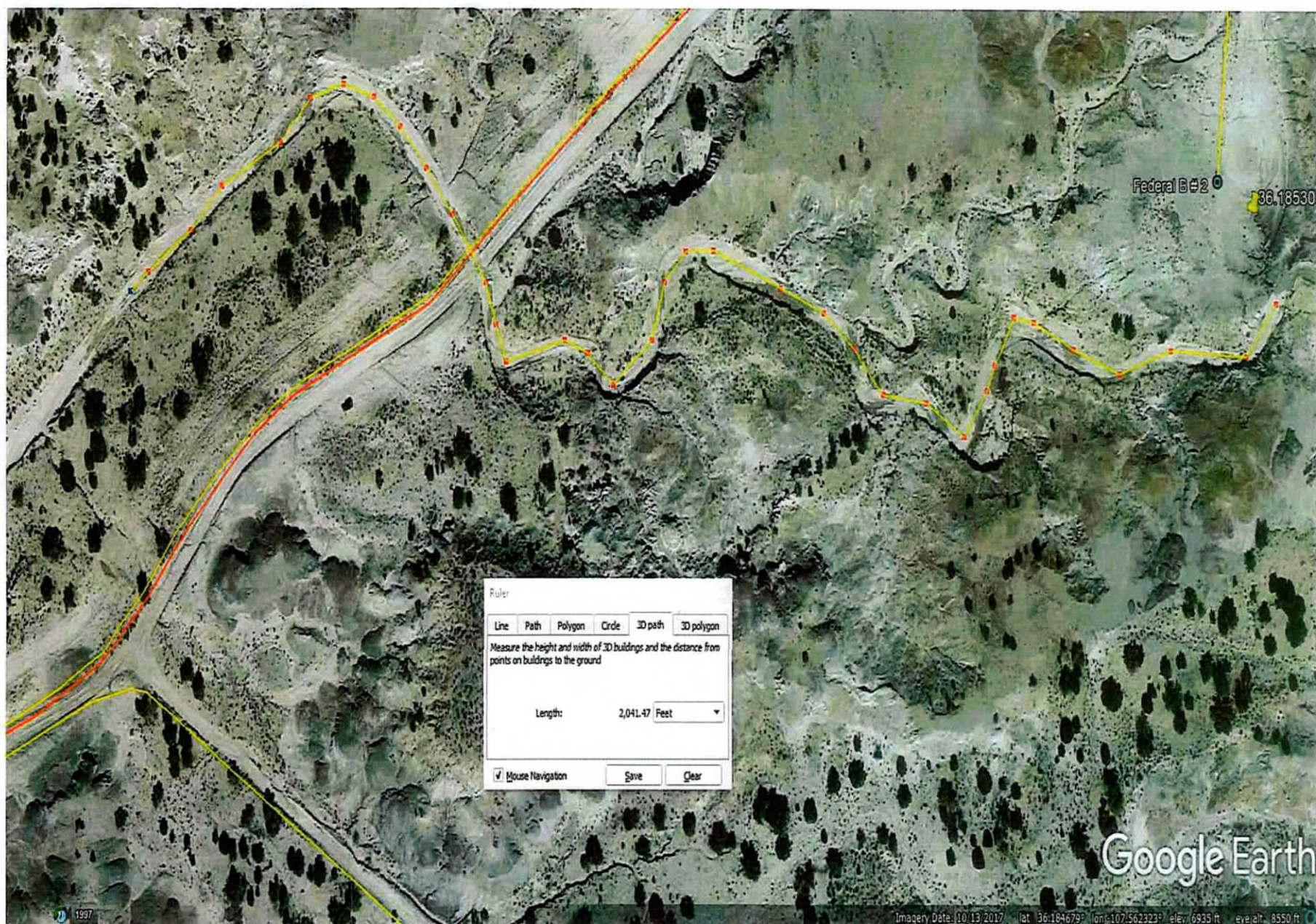
Confirmation Sampling & Summary

On August 29, 2019 Epic Energy met with representative from the NMOCD and BLM for confirmation sampling. Prior to sampling Epic Energy had measured and staked each 500sq foot area for sampling. Epic Energy collected 55 6-point composite samples from the area in accordance with the approved sampling plan. The samples were witness by the NMOCD and the BLM. All 55 samples passed except for SB #4 which is located on the well pad where the release occurred. On September 9, 2019 Epic Energy performed sampling on the SB 4 area. The impacted material had been previously removed and transported to Envirotech Landfarm. 1 6-point composite sample was collected from the remediated area and the sample results that returned were still above regulatory standards as displayed in the sampling table. Epic Energy had requested and was approved by both agencies to only sample the impacted area for 8015 (GRO/DRO/ORO) as the other constituents were non-detect. Epic Energy continued to excavate the area of SB 4 and the third sampling event was performed on October 9, 2019. The NMOCD and BLM were present for the sampling and it was agreed that one 6-point composite sample would be collected. Sample results collected were below regulatory standards of 28.5 mg/kg of DRO and 52.3 mg/kg of DRO and GRO of non-detect resulting in a TPH of 80.8 mg/kg below the regulatory standard of 100mg/kg.

Based on the sitting criteria and the Aerial and physical topography groundwater is estimated to below 50bgs. The most stringent standard is applied to the sitting criteria due to the release leaving location and entering into a major waterway as demonstrated in the typo map.

Epic Energy returned the surface of disturbance back to its original grade. The stormwater rills that were identified by the BLM were contoured at the same time.

Release Path Federal B L #002

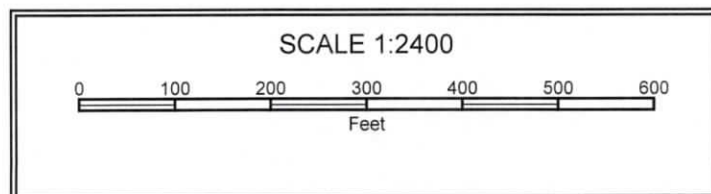
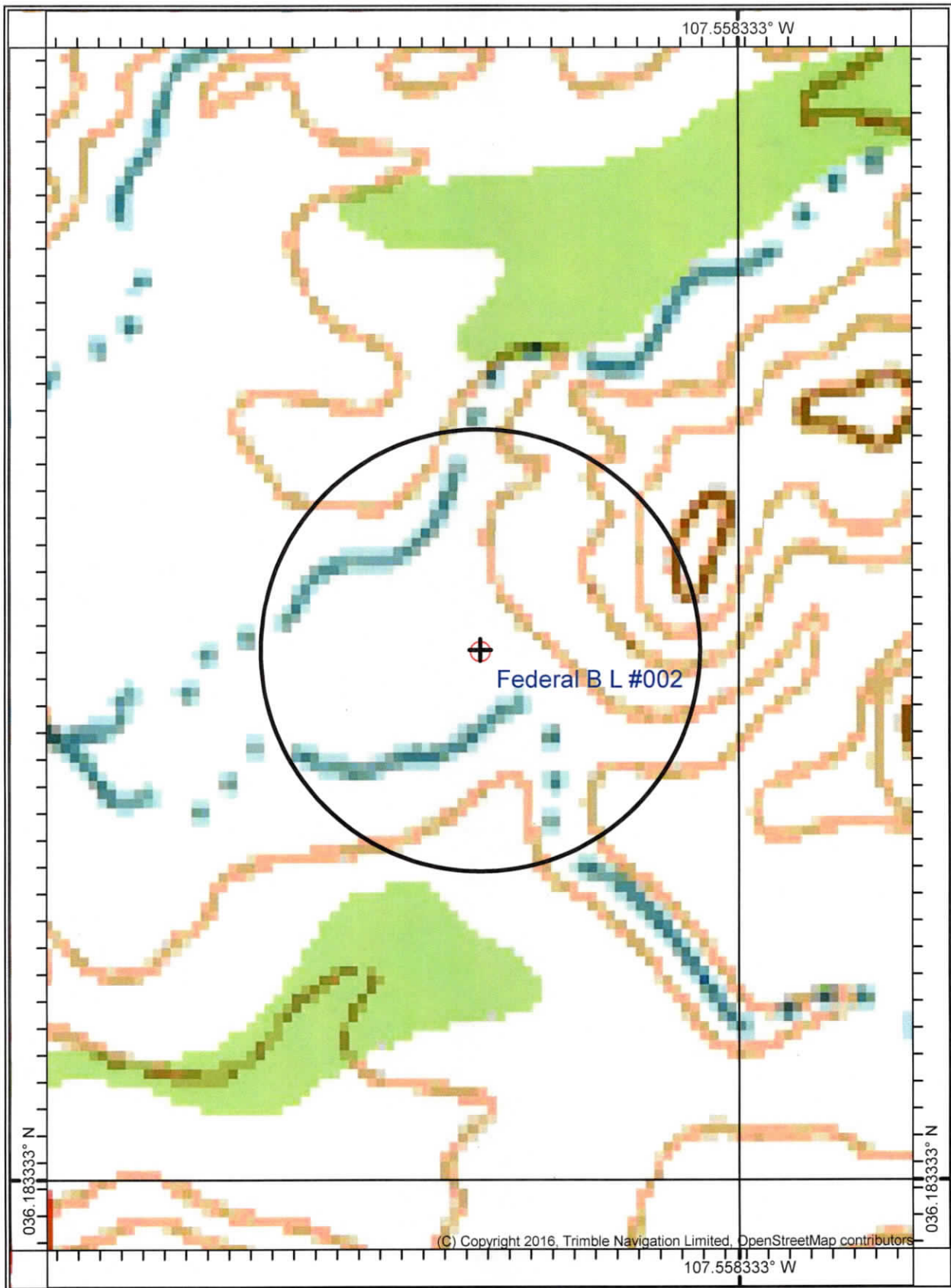




Federal B L #002
Release

Federal B I #002 Release Sampling point map





Federal B L #002 Analytical Results Cloure Standards	Sample Date	BTEX 8021 50 mg/kg	DRO 8015	GRO 8015	ORO 8015	TOTAL TPH100 mg/kg	Clorides 600 mg/kg
SB #1	8/22/2019	Non Detect	28.6 mg/kg	Non Detect	Non Detect	28.6 mg/kg	475
SB #2	8/22/2019	Non Detect	43.8 mg/kg	Non Detect	Non Detect	43.8 mg/kg	103
SB #3	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	75.6
SB #4	8/22/2019	Non Detect	7020 mg/kg	Non Detect	2550 mg/kg	9570 mg/kg	88.7
SB #4A	9/16/2019	Not Tested	1320mg/kg	Non Detect	869 mg/kg	2189 mg/kg	Not Tested
SB#4C	10/10/2019	Not Tested	28.5	52.3	Non Detect	80.8	Not Tested
SB #5	8/22/2019	Non Detect	54.5 mg/kg	Non Detect	Non Detect	54.5 mg/kg	126
SB #6	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #7	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #8	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #9	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #10	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #11	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #12	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #13	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #14	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #15	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #16	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	20.1
SB #17	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #18	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #19	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #20	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #21	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #22	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #23	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #24	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #25	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #26	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #27	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect

Federal B L #002 Analytical Results Cloure Standards	Sample Date	BTEX 8021 50 mg/kg	DRO 8015	GRO 8015	ORO 8015	TOTAL TPH100 mg/kg	Clorides 600 mg/kg
SB #28	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #29	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #30	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #31	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #32	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #33	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #34	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #35	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #36	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #37	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #38	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #39	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #40	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #41	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #42	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #43	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #44	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #45	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #46	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #47	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #48	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #49	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #50	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #51	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #52	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #53	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #54	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
SB #55	8/22/2019	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect



Analytical Report

Report Summary

Client: Epic Energy

Samples Received: 8/22/2019

Job Number: 18012-0006

Work Order: P908067

Project Name/Location: Federal BL #002

Report Reviewed By:

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

Date: 8/29/19

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.



Epic Energy
7420 Main Street
Farmington NM, 87402

Project Name: Federal BL #002
Project Number: 18012-0006
Project Manager: Vanessa Fields

Reported:
08/29/19 17:10

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB #001	P908067-01A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #002	P908067-02A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #003	P908067-03A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #004	P908067-04A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #005	P908067-05A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #006	P908067-06A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #007	P908067-07A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #008	P908067-08A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #009	P908067-09A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #011	P908067-10A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #012	P908067-11A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #013	P908067-12A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #014	P908067-13A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #015	P908067-14A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #016	P908067-15A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #017	P908067-16A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #018	P908067-17A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #019	P908067-18A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #020	P908067-19A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.

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

5796 Highway 64, Farmington, NM 87401

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

24 Hour Emergency Response Phone (800) 362-1879

envirotech-inc.com

Labadmin@envirotech-inc.com



Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

SB #001
P908067-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		114 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	28.6	25.0	mg/kg	1	1935008	08/26/19	08/28/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/28/19	EPA 8015D	
Surrogate: n-Nonane		92.5 %		50-200	1935008	08/26/19	08/28/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	475	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

SB #002
P908067-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		113 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	43.8	25.0	mg/kg	1	1935008	08/26/19	08/28/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/28/19	EPA 8015D	
Surrogate: n-Nonane		90.0 %		50-200	1935008	08/26/19	08/28/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	103	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

SB #003
P908067-03 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		112 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Surrogate: n-Nonane		90.3 %		50-200	1935008	08/26/19	08/29/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	75.6	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 17:10
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB #004
P908067-04 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		108 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	7020	250	mg/kg	10	1935008	08/26/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	2550	500	mg/kg	10	1935008	08/26/19	08/29/19	EPA 8015D	
Surrogate: n-Nonane		93.7 %		50-200	1935008	08/26/19	08/29/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	88.7	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

SB #005
P908067-05 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	54.5	25.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		89.8 %		50-200	1935008	08/26/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	126	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

SB #006
P908067-06 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		112 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Surrogate: n-Nonane		87.1 %		50-200	1935008	08/26/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

SB #007
P908067-07 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	

Surrogate: 4-Bromochlorobenzene-PID 113 % 50-150 1935009 08/26/19 08/27/19 EPA 8021B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	

Surrogate: n-Nonane 86.6 % 50-200 1935008 08/26/19 08/29/19 EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
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Surrogate: 1-Chloro-4-fluorobenzene-FID 95.9 % 50-150 1935009 08/26/19 08/27/19 EPA 8015D

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

SB #008
P908067-08 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		113 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Surrogate: n-Nonane		87.3 %		50-200	1935008	08/26/19	08/29/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

SB #009
P908067-09 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		113 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Surrogate: n-Nonane		86.1 %		50-200	1935008	08/26/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

SB #011
P908067-10 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		113 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Surrogate: n-Nonane		86.1 %		50-200	1935008	08/26/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

SB #012
P908067-11 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatil Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		113 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Surrogate: n-Nonane		84.0 %		50-200	1935008	08/26/19	08/29/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 17:10
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB #013
P908067-12 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		112 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/29/19	EPA 8015D	
Surrogate: n-Nonane		83.9 %		50-200	1935008	08/26/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 17:10
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB #014
P908067-13 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		111 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		111 %		50-200	1935008	08/26/19	08/27/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 17:10
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB #015
P908067-14 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		111 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		113 %		50-200	1935008	08/26/19	08/27/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 17:10
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB #016
P908067-15 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		110 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		113 %		50-200	1935008	08/26/19	08/27/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	20.1	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 17:10
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB #017
P908067-16 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		111 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		111 %		50-200	1935008	08/26/19	08/27/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

SB #018
P908067-17 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		109 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		111 %		50-200	1935008	08/26/19	08/27/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Federal BL #002 Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 08/29/19 17:10
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SB #019
P908067-18 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		109 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		113 %		50-200	1935008	08/26/19	08/27/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 17:10
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB #020
P908067-19 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		109 %		50-150	1935009	08/26/19	08/27/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935008	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		114 %		50-200	1935008	08/26/19	08/27/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935009	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %		50-150	1935009	08/26/19	08/27/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1935006	08/26/19	08/27/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 17:10
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

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 1935009 - Purge and Trap EPA 5030A

Blank (1935009-BLK1)

Prepared: 08/26/19 | Analyzed: 08/26/19 2

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

Surrogate: 4-Bromochlorobenzene-PID 8.84 " 8.00 111 50-150

LCS (1935009-BS1)

Prepared: 08/26/19 | Analyzed: 08/26/19 2

Benzene	4.66	0.0250	mg/kg	5.00		93.1	70-130			
Toluene	4.66	0.0250	"	5.00		93.2	70-130			
Ethylbenzene	4.68	0.0250	"	5.00		93.7	70-130			
p,m-Xylene	9.52	0.0500	"	10.0		95.2	70-130			
o-Xylene	4.69	0.0250	"	5.00		93.8	70-130			
Total Xylenes	14.2	0.0250	"	15.0		94.8	70-130			

Surrogate: 4-Bromochlorobenzene-PID 8.88 " 8.00 111 50-150

Matrix Spike (1935009-MS1)

Source: P908067-01

Prepared: 08/26/19 | Analyzed: 08/27/19 0

Benzene	4.62	0.0250	mg/kg	5.00	ND	92.5	54.3-133			
Toluene	4.65	0.0250	"	5.00	ND	92.9	61.4-130			
Ethylbenzene	4.66	0.0250	"	5.00	ND	93.1	61.4-133			
p,m-Xylene	9.48	0.0500	"	10.0	ND	94.8	63.3-131			
o-Xylene	4.65	0.0250	"	5.00	ND	93.1	63.3-131			
Total Xylenes	14.1	0.0250	"	15.0	ND	94.2	63.3-131			

Surrogate: 4-Bromochlorobenzene-PID 9.04 " 8.00 113 50-150

Matrix Spike Dup (1935009-MSD1)

Source: P908067-01

Prepared: 08/26/19 | Analyzed: 08/27/19 0

Benzene	4.57	0.0250	mg/kg	5.00	ND	91.3	54.3-133	1.21	20	
Toluene	4.58	0.0250	"	5.00	ND	91.7	61.4-130	1.36	20	
Ethylbenzene	4.61	0.0250	"	5.00	ND	92.3	61.4-133	0.943	20	
p,m-Xylene	9.39	0.0500	"	10.0	ND	93.9	63.3-131	0.894	20	
o-Xylene	4.62	0.0250	"	5.00	ND	92.5	63.3-131	0.648	20	
Total Xylenes	14.0	0.0250	"	15.0	ND	93.4	63.3-131	0.813	20	

Surrogate: 4-Bromochlorobenzene-PID 9.12 " 8.00 114 50-150

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1935008 - DRO Extraction EPA 3570										
Blank (1935008-BLK1)				Prepared: 08/26/19 Analyzed: 08/28/19 2						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	45.3		"	50.0		90.7	50-200			
LCS (1935008-BS1)				Prepared: 08/26/19 Analyzed: 08/28/19 2						
Diesel Range Organics (C10-C28)	501	25.0	mg/kg	500		100	38-132			
Surrogate: n-Nonane	44.2		"	50.0		88.3	50-200			
Matrix Spike (1935008-MS1)				Source: P908067-01		Prepared: 08/26/19 Analyzed: 08/28/19 2				
Diesel Range Organics (C10-C28)	542	25.0	mg/kg	500	28.6	103	38-132			
Surrogate: n-Nonane	45.7		"	50.0		91.5	50-200			
Matrix Spike Dup (1935008-MSD1)				Source: P908067-01		Prepared: 08/26/19 Analyzed: 08/28/19 2				
Diesel Range Organics (C10-C28)	537	25.0	mg/kg	500	28.6	102	38-132	0.918	20	
Surrogate: n-Nonane	45.5		"	50.0		91.0	50-200			

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 17:10
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

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 1935009 - Purge and Trap EPA 5030A

Blank (1935009-BLK1)

Prepared: 08/26/19 1 Analyzed: 08/26/19 2

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		"	8.00		96.4	50-150			

LCS (1935009-BS2)

Prepared: 08/26/19 1 Analyzed: 08/27/19 0

Gasoline Range Organics (C6-C10)	51.7	20.0	mg/kg	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		"	8.00		98.0	50-150			

Matrix Spike (1935009-MS2)

Source: P908067-01

Prepared: 08/26/19 1 Analyzed: 08/27/19 0

Gasoline Range Organics (C6-C10)	51.3	20.0	mg/kg	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		"	8.00		97.0	50-150			

Matrix Spike Dup (1935009-MSD2)

Source: P908067-01

Prepared: 08/26/19 1 Analyzed: 08/27/19 0

Gasoline Range Organics (C6-C10)	51.7	20.0	mg/kg	50.0	ND	103	70-130	0.678	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		"	8.00		96.1	50-150			

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 17:10
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

Anions by 300.0/9056A - Quality Control**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1935006 - Anion Extraction EPA 300.0/9056A										
Blank (1935006-BLK1)				Prepared: 08/26/19 Analyzed: 08/27/19 0						
Chloride	ND	20.0	mg/kg							
LCS (1935006-BS1)				Prepared: 08/26/19 Analyzed: 08/27/19 0						
Chloride	257	20.0	mg/kg	250		103	90-110			
Matrix Spike (1935006-MS1)				Source: P908067-01 Prepared: 08/26/19 Analyzed: 08/27/19 0						
Chloride	609	20.0	mg/kg	250	475	53.4	80-120			SPK1
Matrix Spike Dup (1935006-MSD1)				Source: P908067-01 Prepared: 08/26/19 Analyzed: 08/27/19 0						
Chloride	648	20.0	mg/kg	250	475	69.0	80-120	6.21	20	SPK1

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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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 17:10

Notes and Definitions

SPK1 The spike recovery is outside of quality control limits.

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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Analytical Report

Report Summary

Client: Epic Energy

Samples Received: 8/22/2019

Job Number: 18012-0006

Work Order: P908068

Project Name/Location: Federal BL #002

Report Reviewed By:

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

Date: 8/29/19

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.
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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.



Epic Energy
7420 Main Street
Farmington NM, 87402

Project Name: Federal BL #002
Project Number: 18012-0006
Project Manager: Vanessa Fields

Reported:
08/29/19 16:03

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB# 021	P908068-01A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 022	P908068-02A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 023	P908068-03A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 024	P908068-04A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 025	P908068-05A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 026	P908068-06A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 027	P908068-07A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 028	P908068-08A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 029	P908068-09A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 030	P908068-10A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 031	P908068-11A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 032	P908068-12A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 033	P908068-13A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 034	P908068-14A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 035	P908068-15A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 036	P908068-16A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 037	P908068-17A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 038	P908068-18A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 039	P908068-19A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB# 040	P908068-20A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:03
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB# 021
P908068-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		99.4 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		98.2 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		108 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		99.4 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		98.2 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/26/19	EPA 300.0/9056A	
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Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Federal BL #002 Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 08/29/19 16:03
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SB# 022
P908068-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		97.4 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.4 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		103 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		98.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		97.4 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.4 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/26/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	Reported:
7420 Main Street	Project Number:	18012-0006	08/29/19 16:03
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB# 023
P908068-03 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		99.0 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		98.8 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		102 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		99.0 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		98.8 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/26/19	EPA 300.0/9056A	
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Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Federal BL #002 Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 08/29/19 16:03
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SB# 024
P908068-04 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		98.3 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.4 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		106 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		98.3 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.4 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/26/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

SB# 025
P908068-05 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		101 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.8 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		106 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		101 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.8 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/26/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

SB# 026

P908068-06 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98.5 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		99.4 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.2 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		105 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		98.5 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		99.4 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.2 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/26/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

SB# 027**P908068-07 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		99.0 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.9 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		103 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		99.0 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.9 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/26/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:03
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB# 028
P908068-08 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.6 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		99.6 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		95.9 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		107 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		97.6 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		99.6 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		95.9 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/26/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

SB# 029
P908068-09 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		99.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		95.7 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		106 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		99.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		95.7 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/26/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

SB# 030
P908068-10 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.6 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		97.6 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		98.2 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		104 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		99.6 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		97.6 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		98.2 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/26/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

SB# 031
P908068-11 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		98.5 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		94.8 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		107 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		98.5 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		94.8 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/26/19	EPA 300.0/9056A	

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

SB# 032
P908068-12 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.5 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		98.0 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		110 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		99.5 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		98.0 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

SB# 033**P908068-13 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		100 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		89.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		99.0 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		110 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		100 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		89.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		99.0 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:03
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB# 034
P908068-14 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		89.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		100 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		109 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		89.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		100 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

SB# 035
P908068-15 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		89.2 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		109 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		89.2 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

SB# 036

P908068-16 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		96.5 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		89.0 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		98.9 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		107 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		96.5 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		89.0 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		98.9 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

SB# 037**P908068-17 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		89.3 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.5 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		110 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		89.3 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.5 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:03
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB# 038
P908068-18 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		89.9 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		98.3 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		109 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		89.9 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		98.3 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:03
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB# 039
P908068-19 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.4 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		89.0 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		99.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		116 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		99.4 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		89.0 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		99.1 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

SB# 040**P908068-20 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		87.2 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		101 %		70-130	1935004	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935012	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		115 %		50-200	1935012	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		87.2 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		101 %		70-130	1935004	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935007	08/26/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:03
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

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 1935004 - Purge and Trap EPA 5030A

Blank (1935004-BLK1)

Prepared: 08/26/19 | Analyzed: 08/28/19 |

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: 1,2-Dichloroethane-d4	0.505		"	0.500		101	70-130			
Surrogate: Toluene-d8	0.488		"	0.500		97.6	70-130			
Surrogate: Bromofluorobenzene	0.489		"	0.500		97.8	70-130			

LCS (1935004-BS1)

Prepared: 08/26/19 | Analyzed: 08/28/19 |

Benzene	2.33	0.0250	mg/kg	2.50		93.3	70-130			
Toluene	2.36	0.0250	"	2.50		94.2	70-130			
Ethylbenzene	2.42	0.0250	"	2.50		96.9	70-130			
p,m-Xylene	4.77	0.0500	"	5.00		95.4	70-130			
o-Xylene	2.37	0.0250	"	2.50		94.8	70-130			
Total Xylenes	7.14	0.0250	"	7.50		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		"	0.500		100	70-130			
Surrogate: Toluene-d8	0.509		"	0.500		102	70-130			
Surrogate: Bromofluorobenzene	0.498		"	0.500		99.5	70-130			

Matrix Spike (1935004-MS1)

Source: P908068-01

Prepared: 08/26/19 | Analyzed: 08/28/19 |

Benzene	2.36	0.0250	mg/kg	2.50	ND	94.4	48-131			
Toluene	2.32	0.0250	"	2.50	ND	92.9	48-130			
Ethylbenzene	2.40	0.0250	"	2.50	ND	95.9	45-135			
p,m-Xylene	4.72	0.0500	"	5.00	ND	94.4	43-135			
o-Xylene	2.35	0.0250	"	2.50	ND	93.9	43-135			
Total Xylenes	7.07	0.0250	"	7.50	ND	94.2	43-135			
Surrogate: 1,2-Dichloroethane-d4	0.494		"	0.500		98.8	70-130			
Surrogate: Toluene-d8	0.497		"	0.500		99.4	70-130			
Surrogate: Bromofluorobenzene	0.508		"	0.500		102	70-130			

Matrix Spike Dup (1935004-MSD1)

Source: P908068-01

Prepared: 08/26/19 | Analyzed: 08/28/19 |

Benzene	2.21	0.0250	mg/kg	2.50	ND	88.5	48-131	6.36	23	
Toluene	2.17	0.0250	"	2.50	ND	86.7	48-130	6.93	24	
Ethylbenzene	2.22	0.0250	"	2.50	ND	88.6	45-135	7.87	27	
p,m-Xylene	4.36	0.0500	"	5.00	ND	87.2	43-135	7.96	27	
o-Xylene	2.18	0.0250	"	2.50	ND	87.2	43-135	7.38	27	
Total Xylenes	6.54	0.0250	"	7.50	ND	87.2	43-135	7.77	27	
Surrogate: 1,2-Dichloroethane-d4	0.506		"	0.500		101	70-130			
Surrogate: Toluene-d8	0.489		"	0.500		97.7	70-130			
Surrogate: Bromofluorobenzene	0.494		"	0.500		98.7	70-130			

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:03
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

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 1935012 - DRO Extraction EPA 3570

Blank (1935012-BLK1)

Prepared: 08/26/19 1 Analyzed: 08/27/19 0

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	57.4		"	50.0		115	50-200			

LCS (1935012-BS1)

Prepared: 08/26/19 1 Analyzed: 08/27/19 0

Diesel Range Organics (C10-C28)	477	25.0	mg/kg	500		95.5	38-132			
Surrogate: n-Nonane	52.9		"	50.0		106	50-200			

Matrix Spike (1935012-MS1)

Source: P908068-01

Prepared: 08/26/19 1 Analyzed: 08/27/19 0

Diesel Range Organics (C10-C28)	478	25.0	mg/kg	500	ND	95.5	38-132			
Surrogate: n-Nonane	52.4		"	50.0		105	50-200			

Matrix Spike Dup (1935012-MSD1)

Source: P908068-01

Prepared: 08/26/19 1 Analyzed: 08/27/19 0

Diesel Range Organics (C10-C28)	491	25.0	mg/kg	500	ND	98.2	38-132	2.79	20	
Surrogate: n-Nonane	53.1		"	50.0		106	50-200			

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:03
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

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 1935004 - Purge and Trap EPA 5030A

Blank (1935004-BLK1)

Prepared: 08/26/19 | Analyzed: 08/28/19 2

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.505		"	0.500		101	70-130			
Surrogate: Toluene-d8	0.488		"	0.500		97.6	70-130			
Surrogate: Bromofluorobenzene	0.489		"	0.500		97.8	70-130			

LCS (1935004-BS2)

Prepared: 08/26/19 | Analyzed: 08/28/19 2

Gasoline Range Organics (C6-C10)	44.3	20.0	mg/kg	50.0		88.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		"	0.500		99.2	70-130			
Surrogate: Toluene-d8	0.497		"	0.500		99.3	70-130			
Surrogate: Bromofluorobenzene	0.494		"	0.500		98.7	70-130			

Matrix Spike (1935004-MS2)

Source: P908068-01

Prepared: 08/26/19 | Analyzed: 08/28/19 2

Gasoline Range Organics (C6-C10)	45.2	20.0	mg/kg	50.0	ND	90.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		"	0.500		98.3	70-130			
Surrogate: Toluene-d8	0.498		"	0.500		99.6	70-130			
Surrogate: Bromofluorobenzene	0.499		"	0.500		99.8	70-130			

Matrix Spike Dup (1935004-MSD2)

Source: P908068-01

Prepared: 08/26/19 | Analyzed: 08/28/19 2

Gasoline Range Organics (C6-C10)	46.1	20.0	mg/kg	50.0	ND	92.2	70-130	2.00	20	
Surrogate: 1,2-Dichloroethane-d4	0.497		"	0.500		99.4	70-130			
Surrogate: Toluene-d8	0.498		"	0.500		99.5	70-130			
Surrogate: Bromofluorobenzene	0.489		"	0.500		97.7	70-130			

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

Anions by 300.0/9056A - Quality Control**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1935007 - Anion Extraction EPA 300.0/9056A										
Blank (1935007-BLK1)					Prepared & Analyzed: 08/26/19 1					
Chloride	ND	20.0	mg/kg							
LCS (1935007-BS1)					Prepared & Analyzed: 08/26/19 1					
Chloride	256	20.0	mg/kg	250		103	90-110			
Matrix Spike (1935007-MS1)					Prepared & Analyzed: 08/26/19 1					
Chloride	261	20.0	mg/kg	250	ND	105	80-120			
Matrix Spike Dup (1935007-MSD1)					Prepared & Analyzed: 08/26/19 1					
Chloride	259	20.0	mg/kg	250	ND	104	80-120	0.753	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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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:03

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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Page 1 of 2

Project Information

Chain of Custody

Client: <u>APIC Energy</u>					Report Attention		Lab Use Only								TAT		EPA Program				
Project: <u>Federal BLS #002</u>					Report due by: <u>5 day</u>		Lab WO# <u>P908068</u>		Job Number <u>18012-0006</u>		1D	3D	RCRA	CWA	SDWA	State					
Project Manager: <u>Vanessa Fields</u>					Attention: <u>Vanessa Fields</u>		Analysis and Method										State				
Address: <u>7415 E Main Street</u>					Address: <u>7415 E Main Street</u>		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1					NM	CO	UT	AZ
City, State, Zip <u>Farmington NM 87402</u>					City, State, Zip <u>Farmington NM 87402</u>																
Phone: <u>505-787-9100</u>					Phone: <u>505-787-9960</u>																
Email: <u>Vanessa@wulshery.net</u>					Email: <u>Vanessa@wulshery.net</u>																
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number																Remarks
11:05	8/22/19	402	1	SB # 021	1	X	X	X			X										
11:08	8/22/19	402	1	SB # 022	2	X	X	X			X										
11:23	8/22/19	402	1	SB # 023	3	X	X	X			X										
11:31	8/22/19	402	1	SB # 024	4	X	X	X			X										
11:33	8/22/19	402	1	SB # 025	5	X	X	X			X										
11:34	8/22/19	402	1	SB # 026	6	X	X	X			X										
11:36	8/22/19	402	1	SB # 027	7	X	X	X			X										
11:37	8/22/19	402	1	SB # 028	8	X	X	X			X										
11:40	8/22/19	402	1	SB # 029	9	X	X	X			X										
11:43	8/22/19	402	1	SB # 030	10	X	X	X			X										

Additional Instructions: V.S. ice in cooler

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

Relinquished by: (Signature) [Signature] Date 8/22/19 Time 15:03 Received by: (Signature) [Signature] Date 8/22/19 Time 15:02

Relinquished by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above 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.

Project Information

Chain of Custody

Client: <u>APT Energy</u>					Report Attention					Lab Use Only					TAT		EPA Program						
Project: <u>Federal B/L H-002</u>					Report due by: <u>5 day</u>					Lab WO#		Job Number			1D	3D	RCRA	CWA	SDWA				
Project Manager: <u>Vanessa Fields</u>					Attention: <u>Vanessa Fields</u>					P908068		18012-0006											
Address: <u>7415 E Main Street</u>					Address: <u>7415 E Main Street</u>					Analysis and Method										State			
City, State, Zip: <u>Farmington NM 87402</u>					City, State, Zip: <u>Farmington NM 87402</u>															NM	CO	UT	AZ
Phone: <u>505-787-9100</u>					Phone: <u>505-787-9100</u>																		
Email: <u>Vanessa2Walsheng.net</u>					Email: <u>Vanessa2Walsheng.net</u>																		
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1						Remarks					
11:44	8/22/19	402	1	SB # 031	11	X	X	X			X												
11:47	8/22/19	402	1	SB # 032	12	X	X	X			X												
11:48	8/22/19	402	1	SB # 033	13	X	X	X			X												
11:51	8/22/19	402	1	SB # 034	14	X	X	X			X												
11:54	8/22/19	402	1	SB # 035	15	X	X	X			X												
11:56	8/22/19	402	1	SB # 036	16	X	X	X			X												
11:58	8/22/19	402	1	SB # 037	17	X	X	X			X												
12:00	8/22/19	402	1	SB # 038	18	X	X	X			X												
12:02	8/22/19	402	1	SB # 039	19	X	X	X			X												
12:04	8/22/19	402	1	SB # 040	20	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 mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Vanessa Fields</u>																							
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>					Received by: (Signature) <u>[Signature]</u>					Date: <u>8/22/19</u>					Time: <u>15:02</u>					Lab Use Only			
Relinquished by: (Signature)					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.																							



Analytical Report

Report Summary

Client: Epic Energy

Samples Received: 8/22/2019

Job Number: 18012-0006

Work Order: P908069

Project Name/Location: Federal BL #002

Report Reviewed By:

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

Date: 8/29/19

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.
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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.



Epic Energy
7420 Main Street
Farmington NM, 87402

Project Name: Federal BL #002
Project Number: 18012-0006
Project Manager: Vanessa Fields

Reported:
08/29/19 16:35

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB #041	P908069-01A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #042	P908069-02A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #043	P908069-03A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #044	P908069-04A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #045	P908069-05A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #046	P908069-06A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #047	P908069-07A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #048	P908069-08A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #049	P908069-09A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB #050	P908069-10A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB 51	P908069-11A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB 52	P908069-12A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB 53	P908069-13A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB 54	P908069-14A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.
SB 55	P908069-15A	Soil	08/22/19	08/22/19	Glass Jar, 4 oz.

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:35
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB #041
P908069-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		100 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: Toluene-d8		98.6 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.4 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		113 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		100 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: Toluene-d8		98.6 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.4 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB #042
P908069-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98.2 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: Toluene-d8		98.2 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.7 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		116 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		98.2 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: Toluene-d8		98.2 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.7 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB #043
P908069-03 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: Toluene-d8		98.9 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.4 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		118 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: Toluene-d8		98.9 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.4 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB #044
P908069-04 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: Toluene-d8		97.9 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: Bromofluorobenzene		95.0 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		116 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: Toluene-d8		97.9 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: Bromofluorobenzene		95.0 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB #045
P908069-05 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: Toluene-d8		98.5 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	
Surrogate: Bromofluorobenzene		95.6 %		70-130	1935003	08/26/19	08/27/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		119 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: Toluene-d8		98.5 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	
Surrogate: Bromofluorobenzene		95.6 %		70-130	1935003	08/26/19	08/27/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/27/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB #046
P908069-06 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		100 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.6 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		116 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		100 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.6 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/28/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB #047
P908069-07 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		98.3 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.6 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		117 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		98.3 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.6 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/28/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB #048**P908069-08 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		98.8 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.7 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		115 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		98.8 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.7 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/28/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB #049
P908069-09 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		99.8 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.5 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		116 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		99.8 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.5 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/28/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB #050
P908069-10 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		96.6 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		95.7 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		113 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		96.6 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		95.7 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/28/19	EPA 300.0/9056A	
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24 Hour Emergency Response Phone (800) 362-1879

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB 51**P908069-11 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		98.0 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.3 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		118 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		98.0 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.3 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/28/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:35
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

SB 52
P908069-12 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		98.1 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.7 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		115 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		98.1 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.7 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/28/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB 53**P908069-13 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		98.1 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.5 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		118 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		98.1 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.5 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/28/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB 54**P908069-14 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		104 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		99.7 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		95.8 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		118 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		104 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		99.7 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		95.8 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/28/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

SB 55

P908069-15 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Toluene-d8		96.9 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	
Surrogate: Bromofluorobenzene		101 %		70-130	1935003	08/26/19	08/28/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935013	08/26/19	08/27/19	EPA 8015D	
Surrogate: n-Nonane		118 %		50-200	1935013	08/26/19	08/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Toluene-d8		96.9 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	
Surrogate: Bromofluorobenzene		101 %		70-130	1935003	08/26/19	08/28/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935017	08/27/19	08/28/19	EPA 300.0/9056A	
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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:35
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

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 1935003 - Purge and Trap EPA 5030A

Blank (1935003-BLK1)

Prepared: 08/26/19 0 Analyzed: 08/27/19 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	0.489		"	0.500		97.7	70-130			
Surrogate: Toluene-d8	0.497		"	0.500		99.4	70-130			
Surrogate: Bromofluorobenzene	0.481		"	0.500		96.1	70-130			

LCS (1935003-BS1)

Prepared: 08/26/19 0 Analyzed: 08/27/19 1

Benzene	2.09	0.0250	mg/kg	2.50		83.4	70-130			
Toluene	2.09	0.0250	"	2.50		83.5	70-130			
Ethylbenzene	2.16	0.0250	"	2.50		86.4	70-130			
p,m-Xylene	4.27	0.0500	"	5.00		85.4	70-130			
o-Xylene	2.12	0.0250	"	2.50		84.8	70-130			
Total Xylenes	6.39	0.0250	"	7.50		85.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		"	0.500		97.1	70-130			
Surrogate: Toluene-d8	0.502		"	0.500		100	70-130			
Surrogate: Bromofluorobenzene	0.497		"	0.500		99.4	70-130			

Matrix Spike (1935003-MS1)

Source: P908069-01

Prepared: 08/26/19 0 Analyzed: 08/27/19 1

Benzene	2.25	0.0250	mg/kg	2.50	ND	90.0	48-131			
Toluene	2.20	0.0250	"	2.50	ND	88.2	48-130			
Ethylbenzene	2.27	0.0250	"	2.50	ND	90.6	45-135			
p,m-Xylene	4.46	0.0500	"	5.00	ND	89.2	43-135			
o-Xylene	2.24	0.0250	"	2.50	ND	89.6	43-135			
Total Xylenes	6.70	0.0250	"	7.50	ND	89.3	43-135			
Surrogate: 1,2-Dichloroethane-d4	0.490		"	0.500		97.9	70-130			
Surrogate: Toluene-d8	0.494		"	0.500		98.7	70-130			
Surrogate: Bromofluorobenzene	0.492		"	0.500		98.4	70-130			

Matrix Spike Dup (1935003-MSD1)

Source: P908069-01

Prepared: 08/26/19 0 Analyzed: 08/27/19 1

Benzene	2.41	0.0250	mg/kg	2.50	ND	96.3	48-131	6.72	23	
Toluene	2.35	0.0250	"	2.50	ND	94.0	48-130	6.45	24	
Ethylbenzene	2.42	0.0250	"	2.50	ND	96.9	45-135	6.72	27	
p,m-Xylene	4.76	0.0500	"	5.00	ND	95.2	43-135	6.51	27	
o-Xylene	2.39	0.0250	"	2.50	ND	95.8	43-135	6.62	27	
Total Xylenes	7.15	0.0250	"	7.50	ND	95.4	43-135	6.55	27	
Surrogate: 1,2-Dichloroethane-d4	0.499		"	0.500		99.7	70-130			
Surrogate: Toluene-d8	0.488		"	0.500		97.5	70-130			
Surrogate: Bromofluorobenzene	0.505		"	0.500		101	70-130			

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:35
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

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 1935013 - DRO Extraction EPA 3570

Blank (1935013-BLK1)

Prepared: 08/26/19 | Analyzed: 08/27/19 |

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	59.2		"	50.0		118	50-200			

LCS (1935013-BS1)

Prepared: 08/26/19 | Analyzed: 08/27/19 |

Diesel Range Organics (C10-C28)	515	25.0	mg/kg	500		103	38-132			
Surrogate: n-Nonane	57.5		"	50.0		115	50-200			

Matrix Spike (1935013-MS1)

Source: P908069-01

Prepared: 08/26/19 | Analyzed: 08/27/19 |

Diesel Range Organics (C10-C28)	511	25.0	mg/kg	500	ND	102	38-132			
Surrogate: n-Nonane	56.4		"	50.0		113	50-200			

Matrix Spike Dup (1935013-MSD1)

Source: P908069-01

Prepared: 08/26/19 | Analyzed: 08/27/19 |

Diesel Range Organics (C10-C28)	535	25.0	mg/kg	500	ND	107	38-132	4.62	20	
Surrogate: n-Nonane	58.7		"	50.0		117	50-200			

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:35
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

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 1935003 - Purge and Trap EPA 5030A

Blank (1935003-BLK1)

Prepared: 08/26/19 0 Analyzed: 08/27/19 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.489		"	0.500		97.7	70-130			
Surrogate: Toluene-d8	0.497		"	0.500		99.4	70-130			
Surrogate: Bromofluorobenzene	0.481		"	0.500		96.1	70-130			

LCS (1935003-BS2)

Prepared: 08/26/19 0 Analyzed: 08/27/19 1

Gasoline Range Organics (C6-C10)	42.7	20.0	mg/kg	50.0		85.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		"	0.500		97.8	70-130			
Surrogate: Toluene-d8	0.495		"	0.500		99.0	70-130			
Surrogate: Bromofluorobenzene	0.497		"	0.500		99.4	70-130			

Matrix Spike (1935003-MS2)

Source: P908069-01

Prepared: 08/26/19 0 Analyzed: 08/27/19 1

Gasoline Range Organics (C6-C10)	48.7	20.0	mg/kg	50.0	ND	97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		"	0.500		102	70-130			
Surrogate: Toluene-d8	0.503		"	0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.496		"	0.500		99.1	70-130			

Matrix Spike Dup (1935003-MSD2)

Source: P908069-01

Prepared: 08/26/19 0 Analyzed: 08/27/19 1

Gasoline Range Organics (C6-C10)	49.4	20.0	mg/kg	50.0	ND	98.8	70-130	1.48	20	
Surrogate: 1,2-Dichloroethane-d4	0.508		"	0.500		102	70-130			
Surrogate: Toluene-d8	0.502		"	0.500		100	70-130			
Surrogate: Bromofluorobenzene	0.488		"	0.500		97.6	70-130			

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Epic Energy	Project Name:	Federal BL #002	Reported: 08/29/19 16:35
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1935017 - Anion Extraction EPA 300.0/9056A										
Blank (1935017-BLK1)				Prepared: 08/27/19 0 Analyzed: 08/27/19 2						
Chloride	ND	20.0	mg/kg							
LCS (1935017-BS1)				Prepared: 08/27/19 0 Analyzed: 08/27/19 2						
Chloride	253	20.0	mg/kg	250		101	90-110			
Matrix Spike (1935017-MS1)				Source: P908069-01 Prepared: 08/27/19 0 Analyzed: 08/27/19 2						
Chloride	250	20.0	mg/kg	250	ND	100	80-120			
Matrix Spike Dup (1935017-MSD1)				Source: P908069-01 Prepared: 08/27/19 0 Analyzed: 08/27/19 2						
Chloride	248	20.0	mg/kg	250	ND	99.1	80-120	0.928	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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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/29/19 16:35

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 2

Client: <u>EPIC Energy</u>		Report Attention		Lab Use Only		TAT		EPA Program					
Project: <u>Federal BLM #002</u>		Report due by: <u>5 day</u>		Lab WO# <u>P908069</u>		Job Number <u>18012-0006</u>		1D	3D	RCRA	CWA	SDWA	
Project Manager: <u>Vanessa Fields</u>		Attention: <u>Vanessa Fields</u>											
Address: <u>7415 E Main Street</u>		Address: <u>7415 E Main Street</u>								State			
City, State, Zip: <u>Farmington NM 87402</u>		City, State, Zip: <u>Farmington NM 87402</u>								NM	CO	UT	AZ
Phone: <u>505-787-9900</u>		Phone: <u>505-787-9900</u>											
Email: <u>Vanessa@walsberg.net</u>		Email: <u>Vanessa@walsberg.net</u>											

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1						Remarks
12:07	8/22/19	462	1	SB # 0411	1	X	X	X			X							
12:14	8/22/19	462	1	SB # 0412	2	X	X	X			X							
12:23	8/22/19	462	1	SB # 0413	3	X	X	X			X							
12:25	8/22/19	462	1	SB # 0414	4	X	X	X			X							
12:26	8/22/19	462	1	SB # 0415	5	X	X	X			X							
12:29	8/22/19	462	1	SB # 0416	6	X	X	X			X							
12:30	8/22/19	462	1	SB # 0417	7	X	X	X			X							
12:32	8/22/19	462	1	SB # 0418	8	X	X	X			X							
12:34	8/22/19	462	1	SB # 0419	9	X	X	X			X							
12:36	8/22/19	462	1	SB # 050	10	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 mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Vanessa Fields

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>8/22/19</u>	Time <u>15:03</u>	Received by: (Signature) <u>Raia Lopez</u>	Date <u>8/22/19</u>	Time <u>15:03</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.



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Page 23 of 24

Project Information

Chain of Custody

Page 2 of 2

Client: <u>APT Energy</u>					Report Attention: <u>Sola</u>					Lab Use Only					TAT		EPA Program						
Project: <u>Federal B/L #002</u>					Report due by: <u>5/2/19</u>					Lab WO#		Job Number			1D	3D	RCRA	CWA	SDWA				
Project Manager: <u>Vanessa Fields</u>					Attention: <u>Vanessa Fields</u>					P <u>908069</u>		18012-0006											
Address: <u>7415 E Main Street</u>					Address: <u>7415 E Main Street</u>					Analysis and Method										State			
City, State, Zip: <u>Farmington NM 87402</u>					City, State, Zip: <u>Farmington NM 87402</u>					DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1							
Phone: <u>505-787-9100</u>					Phone: <u>505-787-9100</u>																		
Email: <u>Vanessa@walsheng.net</u>					Email: <u>Vanessa@walsheng.net</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				
12:38	8/22/19	402	1	SB S1	11	X	X	X			X												
12:40	8/22/19	402	1	SB S2	12	X	X	X			X												
12:42	8/22/19	402	1	SB S3	13	X	X	X			X												
12:43	8/22/19	402	1	SB S4	14	X	X	X			X												
12:45	8/22/19	402	1	SB S5	15	X	X	X			X												
	8/22/19	402	1			X	X	X			X												
	8/22/19	402	1			X	X	X			X												
	8/22/19	402	1			X	X	X			X												
	8/22/19	402	1			X	X	X			X												
	8/22/19	402	1			X	X	X			X												
	8/22/19	402	1			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 mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Vanessa Fields

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>[Signature]</u>	8/22/19	15:03	<u>Raina Lopez</u>	8/22/19	15:03	Received on ice: <u>Y</u> / N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	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.



Analytical Report

Report Summary

Client: Epic Energy

Samples Received: 9/11/2019

Job Number: 18012-0006

Work Order: P909030

Project Name/Location: Federal BL #002

Report Reviewed By:

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

Date: 9/16/19

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.
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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.



Epic Energy
7420 Main Street
Farmington NM, 87402

Project Name: Federal BL #002
Project Number: 18012-0006
Project Manager: Vanessa Fields

Reported:
09/16/19 12:17

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB 4A	P909030-01A	Soil	09/11/19	09/11/19	Glass Jar, 4 oz.

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	09/16/19 12:17

SB 4A
P909030-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	1320	25.0	mg/kg	1	1937031	09/12/19	09/12/19	EPA 8015D	
Oil Range Organics (C28-C40)	869	50.0	mg/kg	1	1937031	09/12/19	09/12/19	EPA 8015D	
Surrogate: n-Nonane		135 %		50-200	1937031	09/12/19	09/12/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1937023	09/11/19	09/13/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %		50-150	1937023	09/11/19	09/13/19	EPA 8015D	

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Epic Energy	Project Name:	Federal BL #002	Reported: 09/16/19 12:17
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

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 1937031 - DRO Extraction EPA 3570

Blank (1937031-BLK1)

Prepared: 09/12/19 | Analyzed: 09/12/19 2

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	54.4		"	50.0		109	50-200			

LCS (1937031-BS1)

Prepared: 09/12/19 | Analyzed: 09/13/19 1

Diesel Range Organics (C10-C28)	486	25.0	mg/kg	500		97.3	38-132			
Surrogate: n-Nonane	53.8		"	50.0		108	50-200			

Matrix Spike (1937031-MS1)

Source: P909032-01

Prepared: 09/12/19 | Analyzed: 09/12/19 2

Diesel Range Organics (C10-C28)	772	25.0	mg/kg	500	150	124	38-132			
Surrogate: n-Nonane	68.5		"	50.0		137	50-200			

Matrix Spike Dup (1937031-MSD1)

Source: P909032-01

Prepared: 09/12/19 | Analyzed: 09/12/19 2

Diesel Range Organics (C10-C28)	770	25.0	mg/kg	500	150	124	38-132	0.243	20	
Surrogate: n-Nonane	70.1		"	50.0		140	50-200			

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Epic Energy	Project Name:	Federal BL #002	Reported: 09/16/19 12:17
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

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 1937023 - Purge and Trap EPA 5030A

Blank (1937023-BLK1)

Prepared: 09/11/19 | Analyzed: 09/13/19 |

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		"	8.00		95.0	50-150			

LCS (1937023-BS2)

Prepared: 09/11/19 | Analyzed: 09/13/19 |

Gasoline Range Organics (C6-C10)	47.8	20.0	mg/kg	50.0		95.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		"	8.00		96.4	50-150			

Matrix Spike (1937023-MS2)

Source: P909030-01

Prepared: 09/11/19 | Analyzed: 09/13/19 |

Gasoline Range Organics (C6-C10)	50.2	20.0	mg/kg	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		"	8.00		94.4	50-150			

Matrix Spike Dup (1937023-MSD2)

Source: P909030-01

Prepared: 09/11/19 | Analyzed: 09/13/19 |

Gasoline Range Organics (C6-C10)	50.7	20.0	mg/kg	50.0	ND	101	70-130	0.908	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		"	8.00		93.6	50-150			

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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Epic Energy
7420 Main Street
Farmington NM, 87402

Project Name: Federal BL #002
Project Number: 18012-0006
Project Manager: Vanessa Fields

Reported:
09/16/19 12:17

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: <u>PTC Energy</u>		Report Attention		Lab Use Only		TAT		EPA Program					
Project: <u>Federal BL #002</u>		Report due by: <u>3 day</u>		Lab WO# <u>P909030</u>		Job Number <u>18012-0000</u>		1D	3D	RCRA	CWA	SDWA	
Project Manager: <u>Vanessa Fields</u>		Attention: <u>Vanessa Fields</u>											
Address: <u>7415 E Main Street</u>		Address: <u>7415 E Main Street</u>								State			
City, State, Zip: <u>Farmington NM 87402</u>		City, State, Zip: <u>Farmington NM 87402</u>								NM	CO	UT	AZ
Phone: <u>505-787-9100</u>		Phone: <u>505-787-9100</u>											
Email: <u>Vanessa2Walsheng.net</u>		Email: <u>Vanessa2Walsheng.net</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

9:41	9/11/2019	S	1402	SB 4A	1	X	X						

Additional Instructions:

vis ice in cooler

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only	
<u>[Signature]</u>	9/11/2019	11:04	<u>[Signature]</u>	9/11/2019	11:04	Received on ice: <u>Y/N</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 T2 T3	
			<u>Ramon Lopez</u>	9/11/19	11:04	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.



Analytical Report

Report Summary

Client: Epic Energy

Samples Received: 10/9/2019

Job Number: 18012-0006

Work Order: P910035

Project Name/Location: Federal BL #002

Report Reviewed By:

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

Date: 10/11/19

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.
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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.



Epic Energy
7420 Main Street
Farmington NM, 87402

Project Name: Federal BL #002
Project Number: 18012-0006
Project Manager: Vanessa Fields

Reported:
10/11/19 16:30

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Fed BL #002 4(C)	P910035-01A	Soil	10/09/19	10/09/19	Glass Jar, 4 oz.

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	10/11/19 16:30

Fed BL #002 4(C)
P910035-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	28.5	25.0	mg/kg	1	1941026	10/09/19	10/09/19	EPA 8015D	
Oil Range Organics (C28-C40)	52.3	50.0	mg/kg	1	1941026	10/09/19	10/09/19	EPA 8015D	
Surrogate: n-Nonane		147 %		50-200	1941026	10/09/19	10/09/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1941031	10/09/19	10/10/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		104 %		70-130	1941031	10/09/19	10/10/19	EPA 8015D	
Surrogate: Toluene-d8		102 %		70-130	1941031	10/09/19	10/10/19	EPA 8015D	
Surrogate: Bromofluorobenzene		95.8 %		70-130	1941031	10/09/19	10/10/19	EPA 8015D	

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Epic Energy	Project Name:	Federal BL #002	Reported: 10/11/19 16:30
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

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

Batch 1941026 - DRO Extraction EPA 3570

Blank (1941026-BLK1)

Prepared: 10/09/19 0 Analyzed: 10/09/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	58.4		"	50.0		117	50-200			

LCS (1941026-BS1)

Prepared: 10/09/19 0 Analyzed: 10/09/19 1

Diesel Range Organics (C10-C28)	537	25.0	mg/kg	500		107	38-132			
Surrogate: n-Nonane	60.1		"	50.0		120	50-200			

Matrix Spike (1941026-MS1)

Source: P910028-01

Prepared: 10/09/19 0 Analyzed: 10/09/19 1

Diesel Range Organics (C10-C28)	767	25.0	mg/kg	500	220	109	38-132			
Surrogate: n-Nonane	58.8		"	50.0		118	50-200			

Matrix Spike Dup (1941026-MSD1)

Source: P910028-01

Prepared: 10/09/19 0 Analyzed: 10/09/19 1

Diesel Range Organics (C10-C28)	777	25.0	mg/kg	500	220	112	38-132	1.33	20	
Surrogate: n-Nonane	58.6		"	50.0		117	50-200			

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Epic Energy	Project Name:	Federal BL #002	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	10/11/19 16:30

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

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

Batch 1941031 - Purge and Trap EPA 5030A

Blank (1941031-BLK1)

Prepared: 10/09/19 | Analyzed: 10/10/19 |

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.519		"	0.500		104	70-130			
Surrogate: Toluene-d8	0.510		"	0.500		102	70-130			
Surrogate: Bromofluorobenzene	0.488		"	0.500		97.6	70-130			

LCS (1941031-BS2)

Prepared: 10/09/19 | Analyzed: 10/10/19 |

Gasoline Range Organics (C6-C10)	49.1	20.0	mg/kg	50.0		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		"	0.500		102	70-130			
Surrogate: Toluene-d8	0.528		"	0.500		106	70-130			
Surrogate: Bromofluorobenzene	0.494		"	0.500		98.8	70-130			

Matrix Spike (1941031-MS2)

Source: P910036-01

Prepared: 10/09/19 | Analyzed: 10/10/19 |

Gasoline Range Organics (C6-C10)	49.6	20.0	mg/kg	50.0	ND	99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		"	0.500		98.7	70-130			
Surrogate: Toluene-d8	0.519		"	0.500		104	70-130			
Surrogate: Bromofluorobenzene	0.499		"	0.500		99.8	70-130			

Matrix Spike Dup (1941031-MSD2)

Source: P910036-01

Prepared: 10/09/19 | Analyzed: 10/10/19 |

Gasoline Range Organics (C6-C10)	41.9	20.0	mg/kg	50.0	ND	83.7	70-130	17.0	20	
Surrogate: 1,2-Dichloroethane-d4	0.530		"	0.500		106	70-130			
Surrogate: Toluene-d8	0.519		"	0.500		104	70-130			
Surrogate: Bromofluorobenzene	0.501		"	0.500		100	70-130			

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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Epic Energy	Project Name:	Federal BL #002	Reported: 10/11/19 16:30
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

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: <u>ETC Energy</u>		Report Attention		Lab Use Only		TAT		EPA Program				
Project: <u>Federal BL #102</u>		Report due by: <u>3 day</u>		Lab WO# <u>P910035</u>		Job Number <u>1802-0006</u>		1D	3D	RCRA	CWA	SDWA
Project Manager: <u>Vanessa Fields</u>		Attention: <u>Vanessa Fields</u>										
Address: <u>7415 E Main Street</u>		Address: <u>7415 E Main Street</u>						Analysis and Method			State	
City, State, Zip <u>Farmington NM 87402</u>		City, State, Zip <u>Farmington NM 87402</u>									NM CO UT AZ	
Phone: <u>505-787-9100</u>		Phone: <u>505-787-9100</u>										
Email: <u>Vanessa2JWalsh@etn.net</u>		Email: <u>Vanessa2JWalsh@etn.net</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
9:24	10/9/19			147 Fed BL #102 4(C)	1	XX													

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: [Signature]

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>[Signature]</u>	10/11/18	12:04	<u>Raina Lopez</u>	10/9/19	12:04	Received on ice: <u>Y</u> / N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	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.



5796 US Highway 64, Farmington, NM 87401
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

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

envirotech-inc.com
laboratory@envirotech-inc.com

Vanessa Fields

From: Vanessa <vanessa@walsheng.net>
Sent: Monday, September 23, 2019 8:45 AM
To: Smith, Cory, EMNRD; 'Adeloye, Abiodun'
Cc: 'Leigh Thomas'; 'John Thompson'; Vern Andrews
Subject: RE: [EXTERNAL] RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update Analytical Results from 8-22-2019

Good morning,

Thank you Cory.

Vanessa Fields
Regulatory Compliance Manager
Walsh Engineering /Epic Energy LLC.
O: 505-327-4892
C: 505-787-9100
vanessa@walsheng.net

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Monday, September 23, 2019 8:39 AM
To: Vanessa <vanessa@walsheng.net>; 'Adeloye, Abiodun' <aadeloye@blm.gov>
Cc: 'Leigh Thomas' <l1thomas@blm.gov>; 'John Thompson' <john@walsheng.net>; 'Vern Andrews' <vern@walsheng.net>
Subject: RE: [EXTERNAL] RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update Analytical Results from 8-22-2019

Vanessa,

OCD approves the extension request to submit the closure report no later then December 2, 2019.

Please include this approval in your final report.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Vanessa <vanessa@walsheng.net>
Sent: Tuesday, September 17, 2019 9:08 AM
To: 'Adeloye, Abiodun' <aadeloye@blm.gov>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>

Cc: 'Leigh Thomas' <l1thomas@blm.gov>; 'John Thompson' <john@walsheng.net>; 'Vern Andrews' <vern@walsheng.net>

Subject: RE: [EXTERNAL] RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update Analytical Results from 8-22-2019

I apologize for not attaching the analytical results.

From: Vanessa <vanessa@walsheng.net>

Sent: Tuesday, September 17, 2019 8:12 AM

To: 'Adeloye, Abiodun' <aadeloye@blm.gov>; 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>

Cc: 'Leigh Thomas' <l1thomas@blm.gov>; 'John Thompson' <john@walsheng.net>; 'Vern Andrews' <vern@walsheng.net>

Subject: RE: [EXTERNAL] RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update Analytical Results from 8-22-2019

Good morning all,

The resample of SB 4A failed. I believe I have pinpointed the area of concern. Epic Energy will remove the impacted soil in the affected area and hopefully re-sample next week.

At this point the 90 day completion for the Federal B I #002 is September 24, 2019. Epic Energy is requesting an 60 day extension to complete the remediation and final C-141.

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Vanessa <vanessa@walsheng.net>

Sent: Tuesday, September 10, 2019 1:31 PM

To: 'Adeloye, Abiodun' <aadeloye@blm.gov>

Cc: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; 'Leigh Thomas' <l1thomas@blm.gov>; 'John Thompson' <john@walsheng.net>; 'Vern Andrews' <vern@walsheng.net>

Subject: RE: [EXTERNAL] RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update Analytical Results from 8-22-2019

Thank you Emmanuel.

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100
vanessa@walsheng.net

From: Adeloje, Abiodun <aadeloje@blm.gov>
Sent: Tuesday, September 10, 2019 1:23 PM
To: Vanessa <vanessa@walsheng.net>
Cc: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Leigh Thomas <l1thomas@blm.gov>; John Thompson <john@walsheng.net>; Vern Andrews <vern@walsheng.net>
Subject: Re: [EXTERNAL] RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update Analytical Results from 8-22-2019

Vanessa,
It's okay by me as well.
Thank you

On Tue, Sep 10, 2019 at 1:06 PM Vanessa <vanessa@walsheng.net> wrote:

Thank you Cory.

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Tuesday, September 10, 2019 1:02 PM
To: Vanessa <vanessa@walsheng.net>; 'Adeloje, Abiodun' <aadeloje@blm.gov>; l1thomas@blm.gov
Cc: 'John Thompson' <john@walsheng.net>; vern@walsheng.net
Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update Analytical Results from 8-22-2019

Vanessa,

Previous samples had those constituents passing fine by me.

Cory Smith

Environmental Specialist

Oil Conservation Division

Energy, Minerals, & Natural Resources

1000 Rio Brazos, Aztec, NM 87410

(505)334-6178 ext 115

cory.smith@state.nm.us

From: Vanessa <vanessa@walsheng.net>

Sent: Tuesday, September 10, 2019 10:56 AM

To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; l1thomas@blm.gov

Cc: 'John Thompson' <john@walsheng.net>; vern@walsheng.net

Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update Analytical Results from 8-22-2019

Good morning,

Epic Energy is requesting to only have the remainder sample which will be SB # 4A be sampled for 8015 (GRO/DRO/ORO) as the results demonstrate that there is not a chloride nor a BTEX issue.

Please let me know if the variance is approved.

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Vanessa <vanessa@walsheng.net>

Sent: Monday, September 9, 2019 9:31 AM

To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; 'l1thomas@blm.gov' <l1thomas@blm.gov>

Cc: 'John Thompson' <john@walsheng.net>; 'vern@walsheng.net' <vern@walsheng.net>

Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update Analytical Results from 8-22-2019

Good morning everyone,

Sampling will be rescheduled for Wednesday at 9:30. I apologize I have been sick.

Please let me know if you have any questions.

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Vanessa <vanessa@walsheng.net>
Sent: Thursday, September 5, 2019 11:38 AM
To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; 'l1thomas@blm.gov' <l1thomas@blm.gov>
Cc: 'John Thompson' <john@walsheng.net>; 'vern@walsheng.net' <vern@walsheng.net>
Subject: RE: [EXT] Major Release Notification Federal B L #002 30-043-20338 update Analytical Results from 8-22-2019

Good morning,

Epic Energy will be performing final confirmation sampling on the Federal B L #002 for area SB 4 on Monday September 9, 2019 at 11:30 am

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Tuesday, September 3, 2019 8:09 AM
To: Vanessa <vanessa@walsheng.net>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; l1thomas@blm.gov
Cc: 'John Thompson' <john@walsheng.net>; vern@walsheng.net
Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update Analytical Results from 8-22-2019

Vanessa,

Thanks for the update

Cory Smith

Environmental Specialist

Oil Conservation Division

Energy, Minerals, & Natural Resources

1000 Rio Brazos, Aztec, NM 87410

(505)334-6178 ext 115

cory.smith@state.nm.us

From: Vanessa <vanessa@walsheng.net>
Sent: Friday, August 30, 2019 9:35 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; l1thomas@blm.gov
Cc: 'John Thompson' <john@walsheng.net>; vern@walsheng.net
Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update Analytical Results from 8-22-2019

Good morning,

All analytical results except for SB 4 which is on pad were ND and/or below regulatory standards. Epic Energy will remove the impacted soil in the area of SB #004 on Wednesday September 4, 2019 and provide 48 notice prior to final sampling.

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

Have a great and safe Labor Day weekend.

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Vanessa <vanessa@walsheng.net>

Sent: Monday, August 19, 2019 10:38 AM

To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; 'l1thomas@blm.gov' <l1thomas@blm.gov>

Cc: 'John Thompson' <john@walsheng.net>; 'vern@walsheng.net' <vern@walsheng.net>

Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update

Good morning,

Thank you for the approval EPIC Energy will comply with conditions of Approval. I will pin flag the sampling area prior to having the NMOCD and BLM witness sampling. With that said, EPIC Energy request confirmation sampling on Thursday August 22, 2019 at 9:30 am.

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

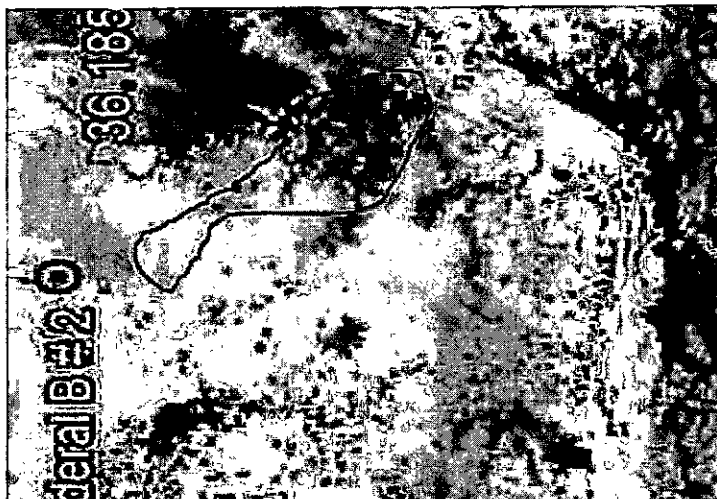
vanessa@walsheng.net

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>**Sent:** Monday, August 19, 2019 9:22 AM**To:** Vanessa <vanessa@walsheng.net>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; l1thomas@blm.gov**Cc:** 'John Thompson' <john@walsheng.net>; vern@walsheng.net**Subject:** RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update

Vanessa,

OCD has reviewed the proposed sampling plan received via email on August 15, 2019 and has approved it with the following conditions of approval

- Per Epic statement the area considered for sampling will be at a minimum 2 horizontally foot per 1 liner foot.
- Each sample area needs to be labeled and identified as described in the proposed plan prior to the start of sampling
- Epic will sample the impacted area between the wash and were the frac tank was located using this same guidelines. (See below picture for reference)
- OCD may request additional samples or points if an area appears to not be properly represented.



OCD approval does not relieve Epic of any other requirements imposed by other regulatory agencies.

Cory Smith

Environmental Specialist

Oil Conservation Division

Energy, Minerals, & Natural Resources

1000 Rio Brazos, Aztec, NM 87410

(505)334-6178 ext 115

cory.smith@state.nm.us

From: Vanessa <vanessa@walsheng.net>

Sent: Thursday, August 15, 2019 11:53 AM

To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; l1thomas@blm.gov

Cc: 'John Thompson' <john@walsheng.net>; vern@walsheng.net

Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update

Good morning everyone,

Please find attached the soil sampling plan for the Federal B L #002 Release.

Thank you for your time and consideration in the review process.

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Vanessa <vanessa@walsheng.net>

Sent: Monday, August 12, 2019 8:57 AM

To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; 'l1thomas@blm.gov' <l1thomas@blm.gov>

Cc: 'John Thompson' <john@walsheng.net>; 'vern@walsheng.net' <vern@walsheng.net>

Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update

Good morning Cory,

A sampling plan will be submitted tomorrow and hopefully final soil sampling will be scheduled for the end of the week.

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>

Sent: Monday, August 12, 2019 8:21 AM

To: Vanessa <vanessa@walsheng.net>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; l1thomas@blm.gov

Cc: 'John Thompson' <john@walsheng.net>; vern@walsheng.net

Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338 update

Good Morning Vanessa,

Any status update on remediation at the Federal B I #2?

Cory Smith

Environmental Specialist

Oil Conservation Division

Energy, Minerals, & Natural Resources

1000 Rio Brazos, Aztec, NM 87410

(505)334-6178 ext 115

cory.smith@state.nm.us

From: Vanessa <vanessa@walsheng.net>
Sent: Tuesday, July 23, 2019 3:20 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; l1thomas@blm.gov
Cc: 'John Thompson' <john@walsheng.net>; vern@walsheng.net
Subject: RE: [EXT] Major Release Notification Federal B L #002 30-043-20338 update

Good afternoon,

I wanted to provide a update on the Federal B L #002 release. On July 9, 2019 25 composite (5 point) samples were collected and analyzed via a Photoionization detector (PID) to determine the remediation path forward for the release area of the wash. All field readings came back at non-detect as Epic Energy utilized this method for field and internal process only. The oil booms that were installed prior to the rainstorms were effective with catching any hydrocarbons that were mobile. An inspection was conducted on the same day of the sampling and all the oil booms remained intact except for two booms that were installed at the road were unraveling .However, it was determined the booms at the end of the release held firmly catching any further hydrocarbons that would travel downstream.

As of today Epic Energy is further remediating any further potential hydrocarbons that were present on the Federal B L #002 wellsite which required Epic Energy to remove and re-set the flowback tanks that were onsite. This work shall be completed by the end of this week. Epic Energy will submit a sampling plan for the agencies to review and hope to complete final sampling by August 2, 2019.

Please let me know if you should have any questions/or concerns regarding the Federal B L #002.

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Vanessa <vanessa@walsheng.net>
Sent: Friday, June 28, 2019 1:55 PM
To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; 'Griswold, Jim, EMNRD' <Jim.Griswold@state.nm.us>; 'Powell, Brandon, EMNRD' <Brandon.Powell@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; 'l1thomas@blm.gov' <l1thomas@blm.gov>
Cc: 'John Thompson' <john@walsheng.net>; 'vern@walsheng.net' <vern@walsheng.net>
Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338

Good afternoon Cory,

Please find attached the initial C-141 for the Federal B I #002.

Have a good weekend.

Vanessa Fields

Regulatory Specialist

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Vanessa <vanessa@walsheng.net>
Sent: Tuesday, June 25, 2019 7:13 AM
To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; 'Griswold, Jim, EMNRD' <Jim.Griswold@state.nm.us>; 'Powell, Brandon, EMNRD' <Brandon.Powell@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; 'l1thomas@blm.gov' <l1thomas@blm.gov>
Cc: 'John Thompson' <john@walsheng.net>; 'vern@walsheng.net' <vern@walsheng.net>
Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338

Vanessa

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Tuesday, July 2, 2019 8:26 AM
To: Vanessa
Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338

Vanessa,

OCD has processed the Initial C-141 it has been scanned into the well file.

NCS1917537260 FEDERAL B L #002 @ 30-043-20338

General Incident Information

Site Name: FEDERAL B L #002
Well: [\[30-043-20338\]](#) FEDERAL B L #002
Facility:
Operator: [\[372834\]](#) EPIC ENERGY, L.L.C.
Status: Closure Not Approved
Type: Other
District: Aztec
Severity: Major
Surface Owner: Federal
County: Sandoval (43)

Incident Location: G-34-23N-07W Lot: 0 FNL 0 FEL
Lat/Long: 36.1853065,-107.5595322 NAD83
Directions:

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Vanessa <vanessa@walsheng.net>
Sent: Monday, July 1, 2019 11:14 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338

SORRY

Regulatory Specialist
Walsh Engineering /Epic Energy LLC.
O: 505-327-4892
C: 505-787-9100
vanessa@walsheng.net

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Tuesday, June 25, 2019 7:11 AM
To: Vanessa <vanessa@walsheng.net>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; l1thomas@blm.gov
Cc: 'John Thompson' <john@walsheng.net>; vern@walsheng.net
Subject: RE: [EXT] Major Release Notification Federal B L #002 30-043-20338

Good morning Vanessa,

Please respond to the release per 19.15.29.8 NMAC. OCD has assigned the below incident # to the release.

NCS1917537260 FEDERAL B L #002 @ 30-043-20338

General Incident Information

Site Name: FEDERAL B L #002
Well: [\[30-043-20338\]](#) FEDERAL B L #002
Facility:
Operator: [\[372834\]](#) EPIC ENERGY, L.L.C.
Status: Closure Not Approved
Type: Other
District: Aztec
Severity:
Surface Owner: Federal
County: Sandoval (43)

Incident Location: G-34-23N-07W Lot: 0 FNL 0 FEL
Lat/Long: 36.1853065,-107.5595322 NAD83

Thanks,

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Vanessa <vanessa@walsheng.net>
Sent: Monday, June 24, 2019 5:14 PM
To: Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Powell,

Brandon, EMNRD <Brandon.Powell@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; l1thomas@blm.gov
Cc: 'John Thompson' <john@walsheng.net>; vern@walsheng.net
Subject: [EXT] Major Release Notification Federal B L #002 30-043-20338

Good evening,

Epic Energy is providing 24-hour written notification(verbal notification was made to Cory Smith District III office at 10:21 am this morning) of an estimated 100 BBL frac release due to the Federal B L #002 well have frac communication from nearby stimulation. The release traveled roughly ½ mile down un unnamed wash . All free liquids have been removed. No injuries nor illness were reported. An investigation is pending to determine the cause of the release.

30-043-20338 FEDERAL B L #002 [322940]

General Well Information

Operator: [372834] EPIC ENERGY, L.L.C.

Status: Active

Well Type: Oil

Work Type: New

Direction: Vertical

Multi-Lateral: No

Mineral Owner: Federal

Surface Owner: Indian

Surface Location: G-34-23N-07W 1830 FNL 1840 FEL

Lat/Long: 36.1853065,-107.5595322 NAD83

GL Elevation: 6936

KB Elevation:

DF Elevation:

Please find attached the release map.

Thank you

Vanessa Fields

Regulatory Specialist

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

Thank you Cory.

Vanessa Fields

Regulatory Specialist

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>

Sent: Tuesday, June 25, 2019 7:11 AM

To: Vanessa <vanessa@walsheng.net>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; l1thomas@blm.gov

Cc: 'John Thompson' <john@walsheng.net>; vern@walsheng.net

Subject: RE: [EXT] Major Release Notification Federal B I #002 30-043-20338

Good morning Vanessa,

Please respond to the release per 19.15.29.8 NMAC. OCD has assigned the below incident # to the release.

NCS1917537260 FEDERAL B L #002 @ 30-043-20338

General Incident Information

Site Name: FEDERAL B L #002

Well: [30-043-20338] FEDERAL B L #002

Facility:

Operator: [372834] EPIC ENERGY, L.L.C.

Status: Closure Not Approved

Type: Other

District: Aztec

Severity:

Surface Owner: Federal

County: Sandoval (43)

Incident Location: G-34-23N-07W Lot: 0 FNL 0 FEL

Lat/Long: 36.1853065,-107.5595322 NAD83

Thanks,

Cory Smith

Environmental Specialist

Oil Conservation Division

Energy, Minerals, & Natural Resources

1000 Rio Brazos, Aztec, NM 87410

(505)334-6178 ext 115

cory.smith@state.nm.us

From: Vanessa <vanessa@walsheng.net>

Sent: Monday, June 24, 2019 5:14 PM

To: Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>; l1thomas@blm.gov

Cc: 'John Thompson' <john@walsheng.net>; vern@walsheng.net

Subject: [EXT] Major Release Notification Federal B I #002 30-043-20338

Good evening,

Epic Energy is providing 24-hour written notification(verbal notification was made to Cory Smith District III office at 10:21 am this morning) of an estimated 100 BBL frac release due to the Federal B L #002 well have frac communication from nearby stimulation. The release traveled roughly ½ mile down un unnamed wash . All free liquids have been removed. No injuries nor illness were reported. An investigation is pending to determine the cause of the release.

30-043-20338 FEDERAL B L #002 [322940]

General Well Information

Operator: [372834] EPIC ENERGY, L.L.C.

Status: Active

Well Type: Oil

Work Type: New

Direction: Vertical

Multi-Lateral: No

Mineral Owner: Federal

Surface Owner: Indian

Surface Location: G-34-23N-07W 1830 FNL 1840 FEL

Lat/Long: 36.1853065,-107.5595322 NAD83

GL Elevation: 6936

KB Elevation:

DF Elevation:

Please find attached the release map.

Thank you

Vanessa Fields

Regulatory Specialist

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

--

Abiodun Adeloye (Emmanuel)

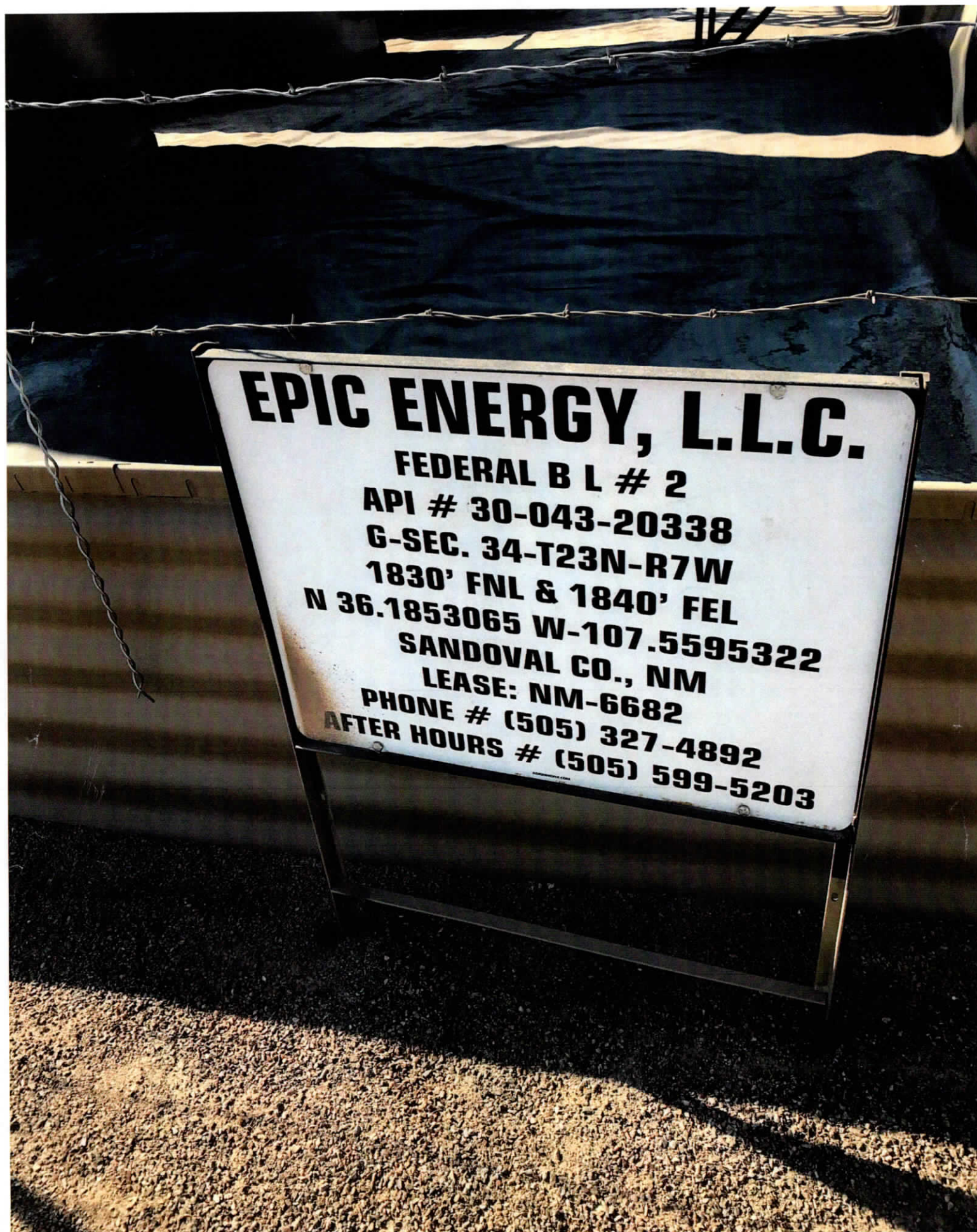
Natural Resource Specialist

6251 College Blvd. Suite A

BLM - FFO

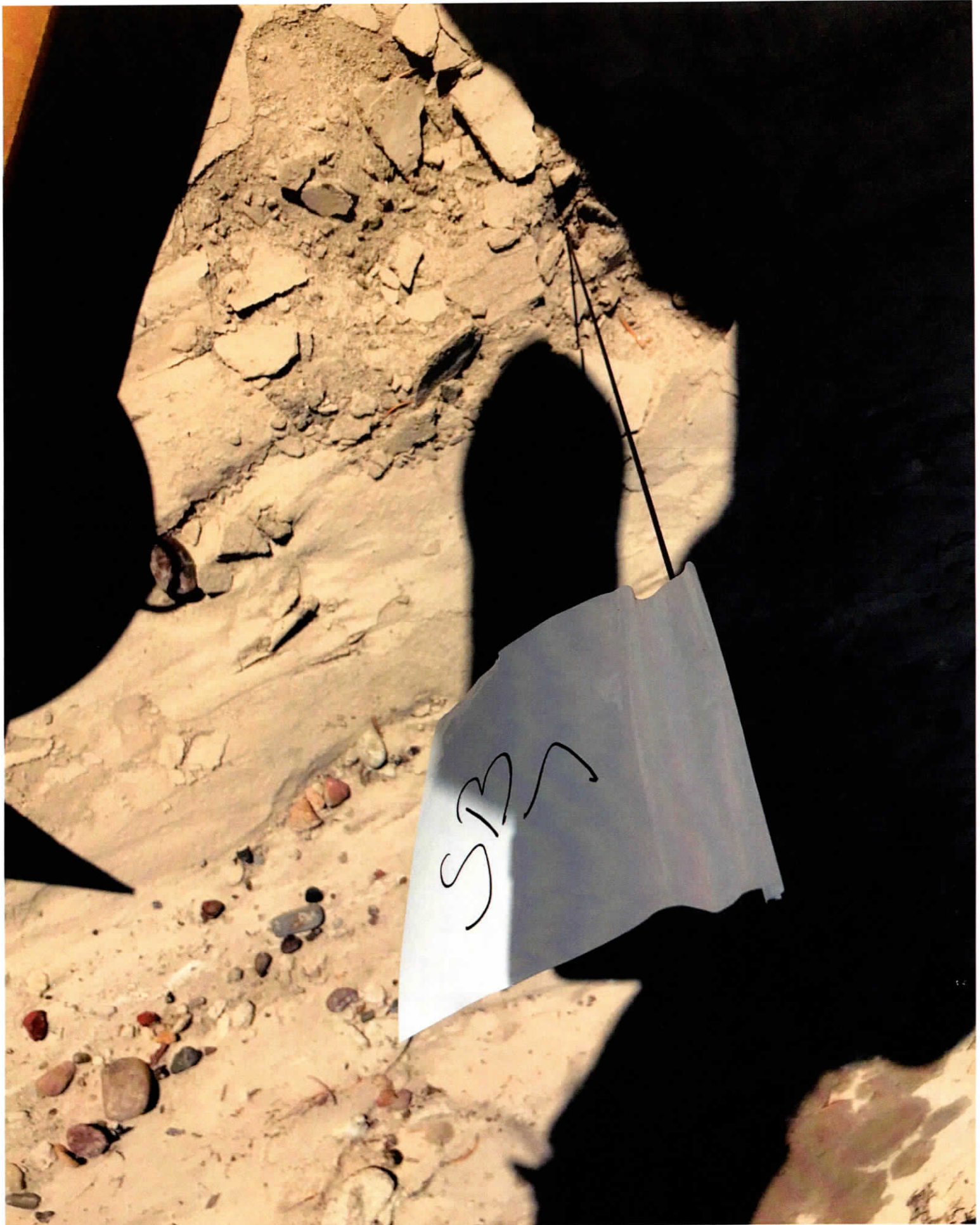
Phone: 505-564-7665

Cell #: 505-635-0984





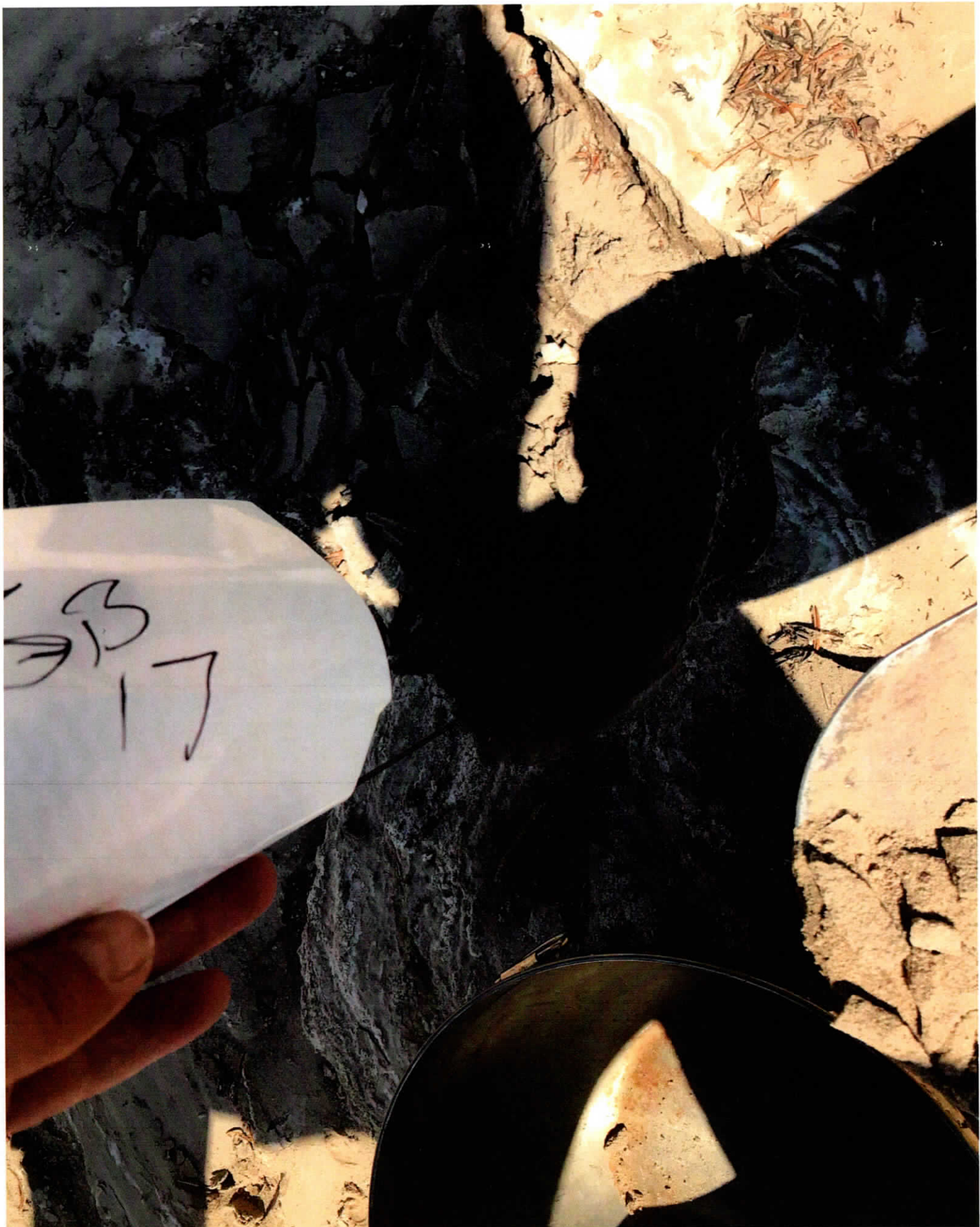


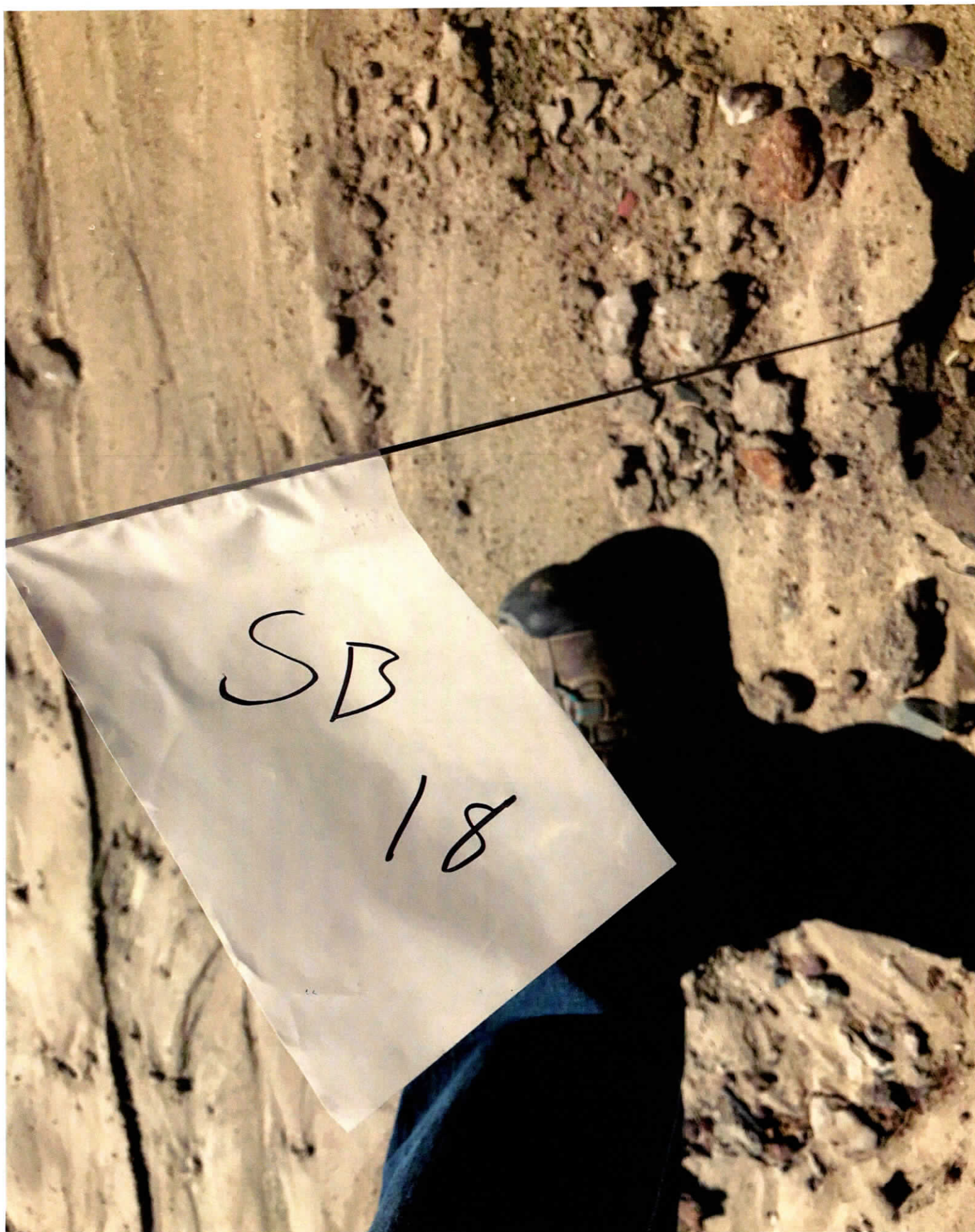






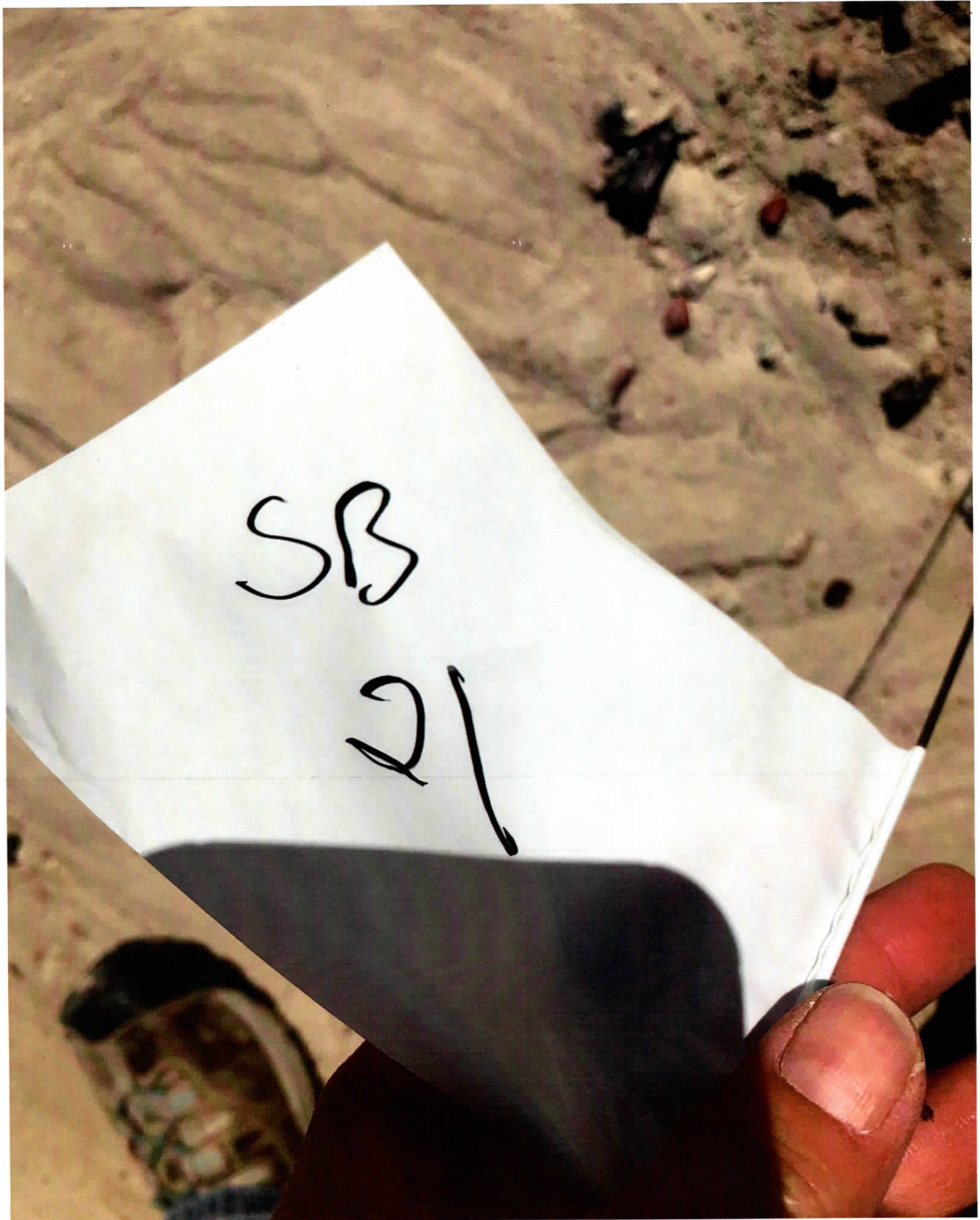




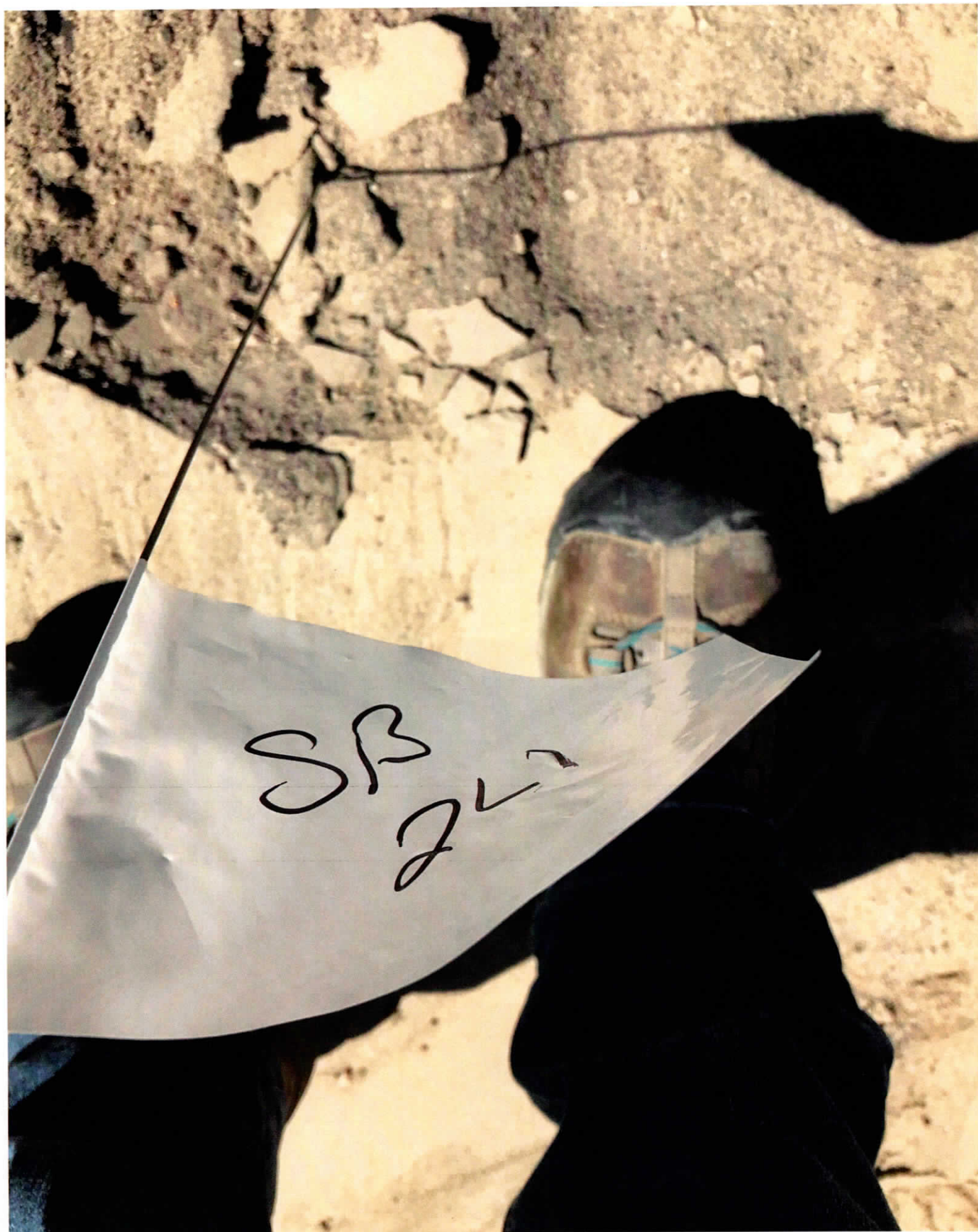








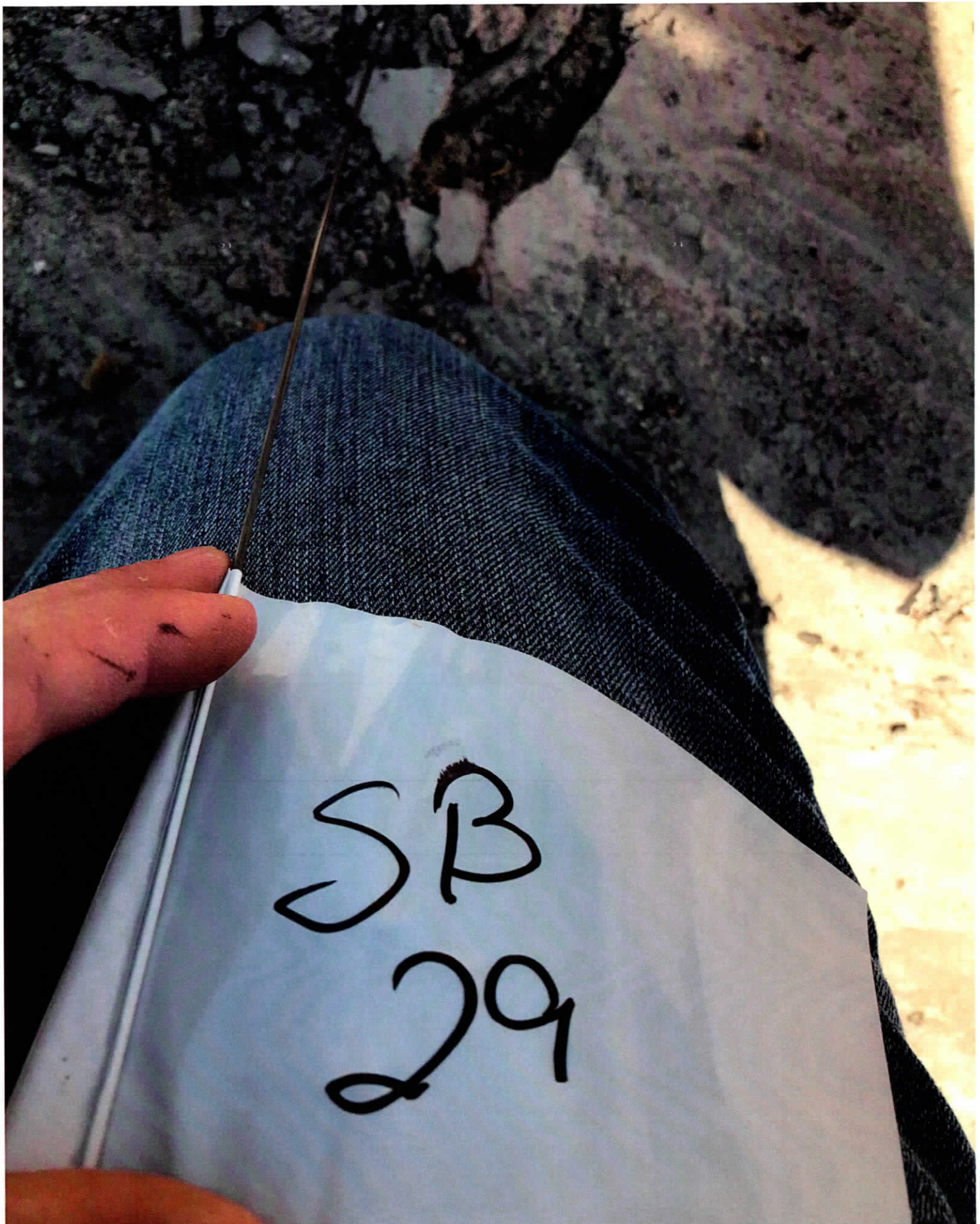


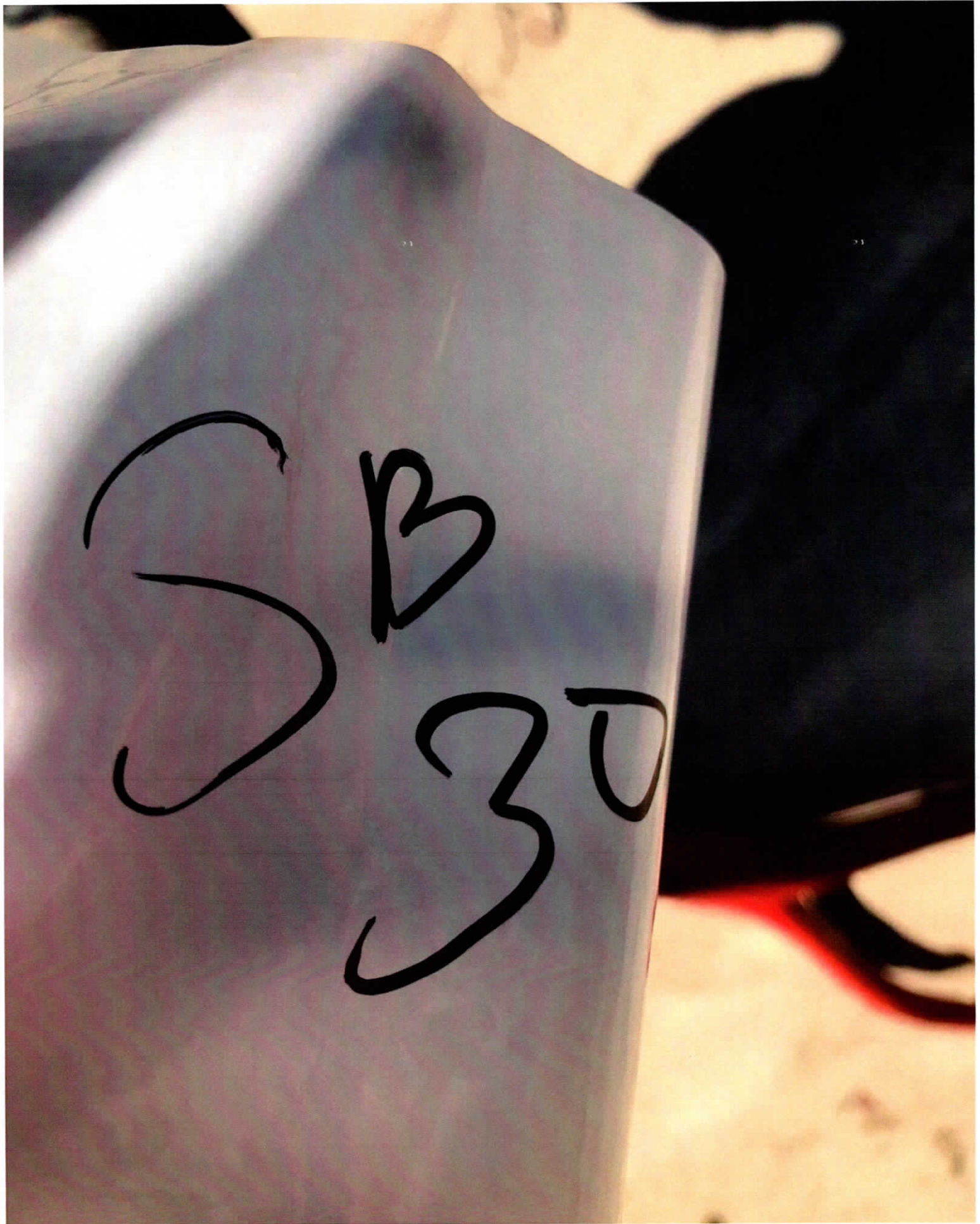










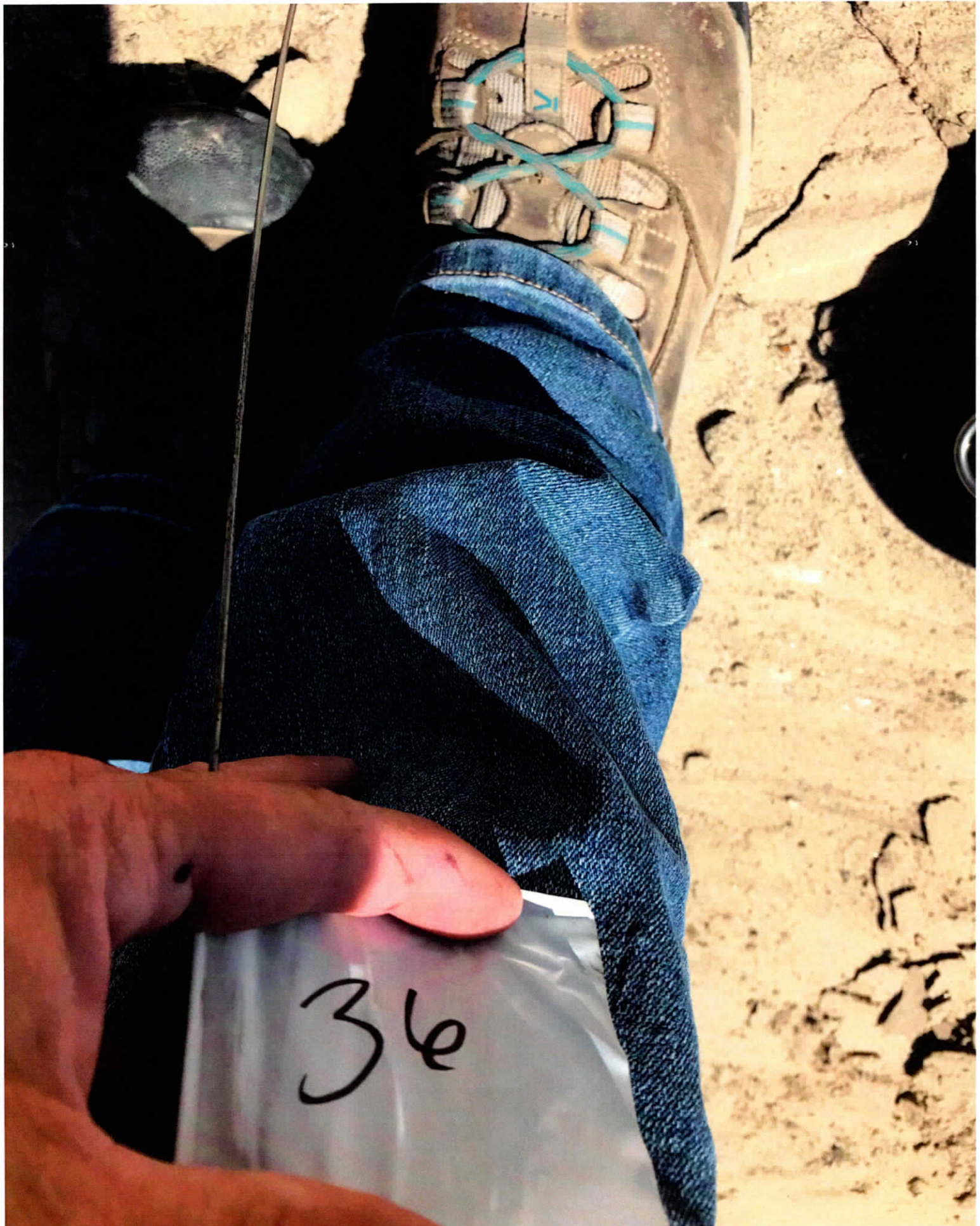


















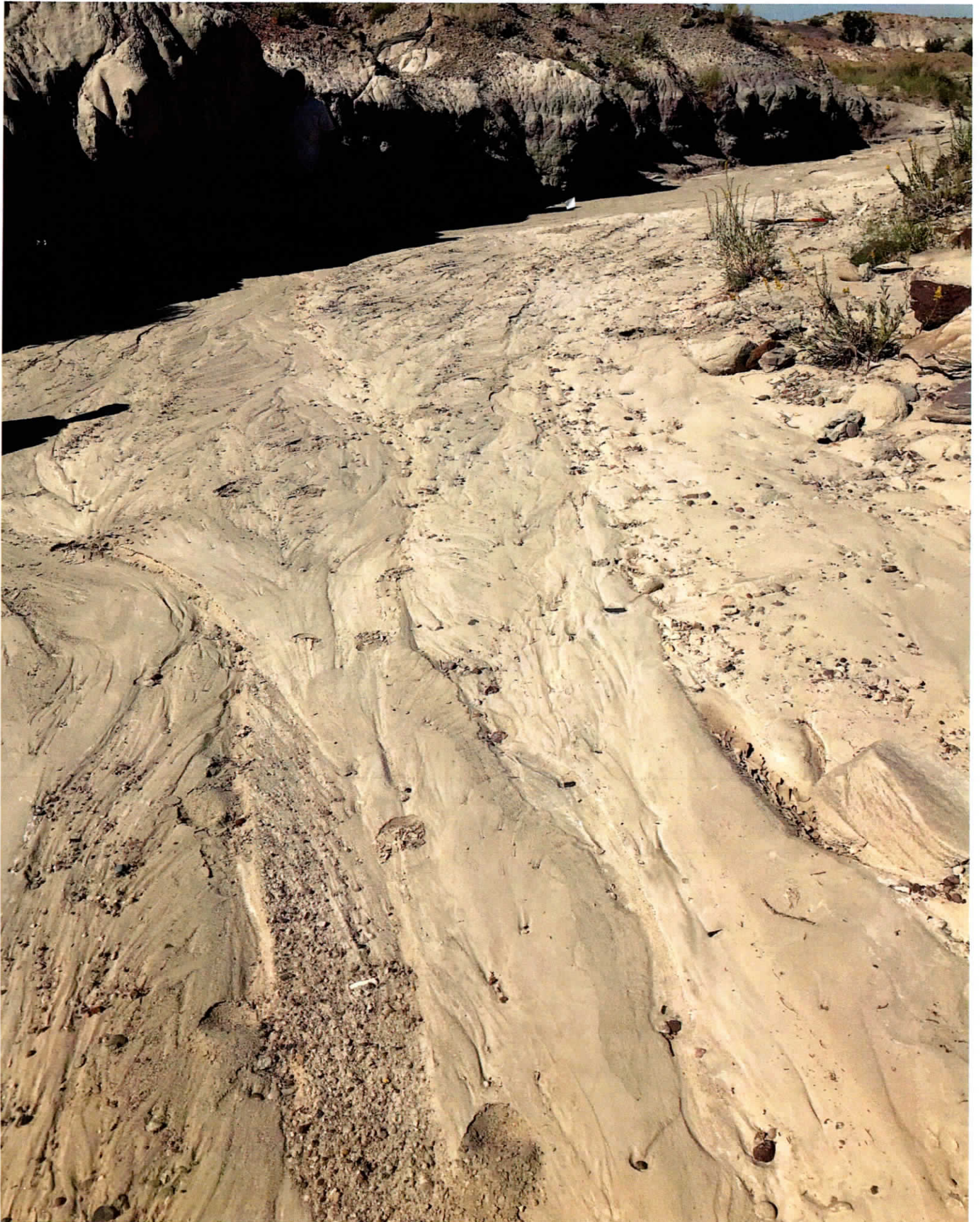


























































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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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CONDITIONS

Action 181995

CONDITIONS

Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410	OGRID: 372834
	Action Number: 181995
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	2/3/2023