

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	nAPP2103534879
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EPIC Energy, L.L.C.	OGRID 372834
Contact Name Vanessa Fields	Contact Telephone 505-787-9100
Contact email vanessa@walsheng.net	Incident # (assigned by OCD) nAPP2103534879
Contact mailing address 7415 East Main Street, Farmington, NM 87402	

Location of Release Source

Latitude ~~36.2360954~~ **36.235972** Longitude ~~-107.78302~~ **-107.782973**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Federal D #006	Site Type Oil
Date Release Discovered 1/29/2021	API# (if applicable) 30-45-28377

Unit Letter	Section	Township	Range	County
M	10	23N	09W	San Juan

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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 6.95 BBL based upon the amount of oil the well makes a day including determining the soil type with absorption rate and area of release size with frozen ground surface	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 type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

State of New Mexico
Oil Conservation Division

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<p>Cause of Release</p> <p>Epic Energy experienced an oil release of 6.95 BBLS on January 29, 2021 at 10:30am due to a stuffing box failure on the Federal D #006 EPIC Energy is providing a 24-hour courtesy notice due to the well pad being constructed upon a blue line on a topographic map. However, no hydrocarbons entered a waterway nor a wash.</p> <p>The oil release stayed on the pad and did not leave location/result in a fire, nor threaten human health.</p> <p>All impacted material was removed via a hydro vac truck and was disposed of at Envirotech Landfarm.</p>	
<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>Release was evaluated and determined to be in accordance with 19.15.29 7(A)</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>Verbal and email communication were made to NMOCD District III office Cory Smith and Farmington BLM Field Office. 1/29/2021</p>	

Initial Response

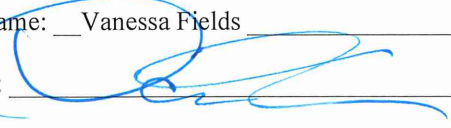
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<p><input checked="" type="checkbox"/> The source of the release has been stopped.</p> <p><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.</p> <p><input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.</p> <p><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.</p>
<p>If all the actions described above have <u>not</u> been undertaken, explain why:</p>
<p>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.</p>

State of New Mexico
Oil Conservation Division

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Vanessa Fields Title: Regulatory Compliance Manager
Signature:  Date: 2/4/2021
email: vanessa@walsheng.net Telephone: 505-787-9100

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2103534879
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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u> >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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*


- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Oil Conservation Division

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Vanessa Fields Title: Regulatory Compliance Manager
Signature:  Date: 5/1/2021
email: vanessa@walsheng.net Telephone: 505-787-9100

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2103534879
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Application ID	

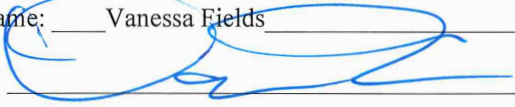
Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Vanessa Fields Title: Regulatory Compliance Manager
Signature:  Date: 5/1/2021
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: 10/05/2021
Printed Name: Nelson Velez Title: Environmental Specialist - Adv

Vanessa Fields

From: Vanessa Fields
Sent: Friday, March 26, 2021 3:00 PM
To: Smith, Cory, EMNRD; Joyner, Ryan N
Cc: John Thompson; Vern Andrews; John Hampton Jr
Subject: RE: Epic Energy Federal D #006 6.95 BBL API 30-045-28377 Confirmation sampling 3/11/2021 at 9:30 am
Attachments: E103043 Envirotech3_v12 FINAL 03 18 21 1645.pdf

Good afternoon Cory,

Please find attached the final analytical results for the Federal D #006 sampling. All results are below regulatory standards and the final C-141 will be submitted through E-Permitting.

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 Fields
Sent: Tuesday, March 9, 2021 2:08 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Joyner, Ryan N <rjoyner@blm.gov>
Cc: John Thompson <john@walsheng.net>; Vern Andrews <vern@walsheng.net>; John Hampton Jr <jdhampton@walsheng.net>
Subject: RE: Epic Energy Federal D #006 6.95 BBL API 30-045-28377 Confirmation sampling 3/11/2021 at 9:30 am

Good afternoon,

Epic Energy will be conducting final confirmation sampling on Thursday March 11, 2021 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: Vanessa Fields
Sent: Sunday, January 31, 2021 6:05 PM
To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; 'Hernandez, Emily, EMNRD' <Emily.Hernandez@state.nm.us>;

'Joyner, Ryan N' <rjoyner@blm.gov>

Cc: John Thompson <john@walsheng.net>; Vern Andrews <vern@walsheng.net>; John Hampton Jr <jdhampton@walsheng.net>

Subject: RE: Epic Energy Federal D #006 6.95 BBL API 30-045-28377 Oil release from stuffing box Remediation begin 2/1/2021

Good evening everyone,

Epic Energy will begin remediation efforts on the Federal D #006 Monday February 1, 2021 by traditional dig and haul method. All impacted soil will be transported to Envirotech Landfarm.

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 Fields

Sent: Friday, January 29, 2021 3:05 PM

To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Hernandez, Emily, EMNRD <Emily.Hernandez@state.nm.us>; Joyner, Ryan N <rjoyner@blm.gov>

Cc: John Thompson <john@walsheng.net>; Vern Andrews <vern@walsheng.net>; John Hampton Jr <jdhampton@walsheng.net>

Subject: Epic Energy Federal D #006 6.95 BBL API 30-045-28377 Oil release from stuffing box

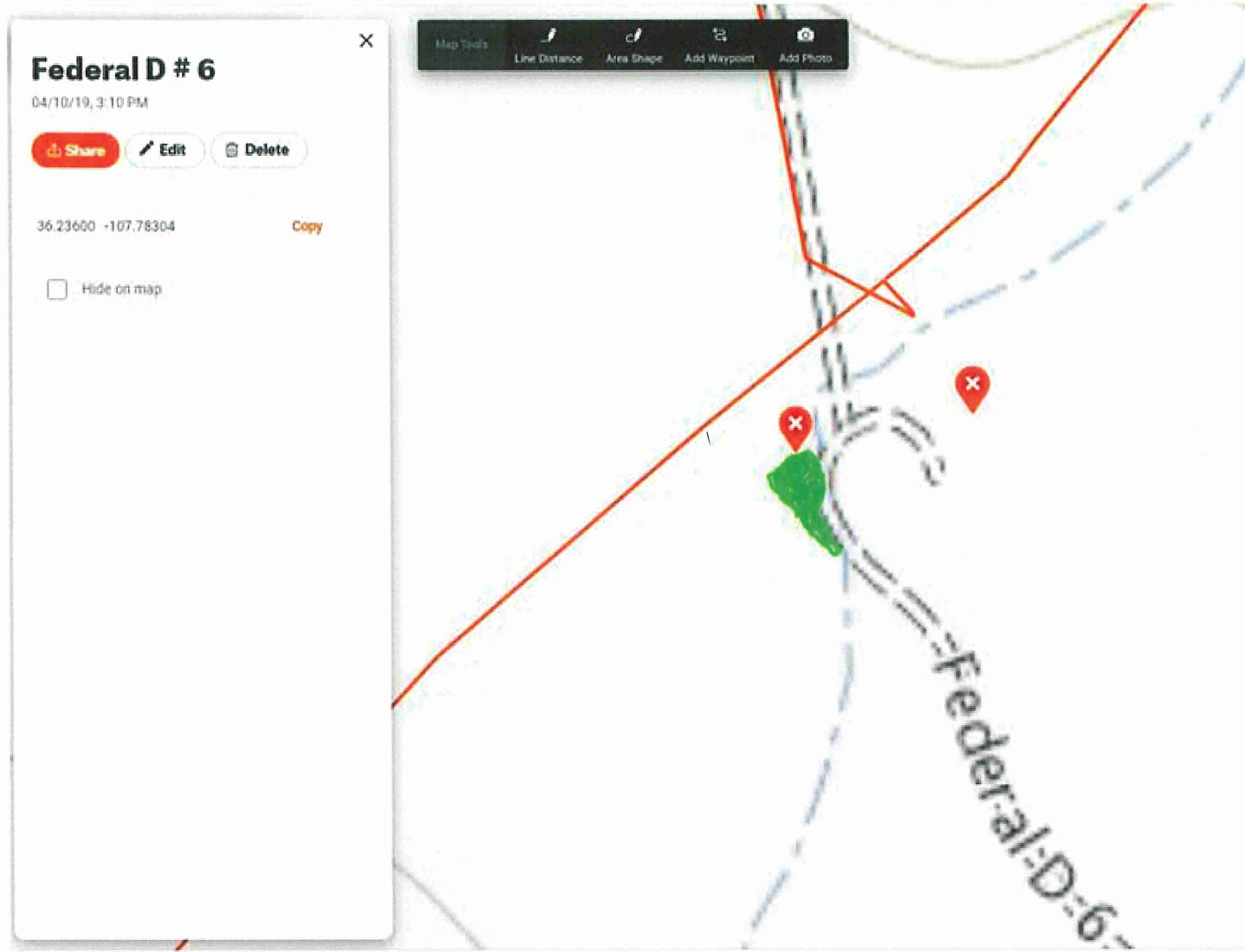
Good Afternoon,

Epic Energy experienced a oil release of 6.95 BBLS on January 29, 2021 at 10:30am due to a stuffing box failure on the Federal D #006 . EPIC Energy is providing a 24 hour courtesy notice due to the well pad being constructed upon a blue line on a topographic map. However, no hydrocarbons entered a waterway nor a wash.

The oil release stayed on the pad and did not leave location/result in a fire , nor threaten human health.

All impacted material was removed via a hydro vac truck and was disposed of at Envirotech Landfarm.

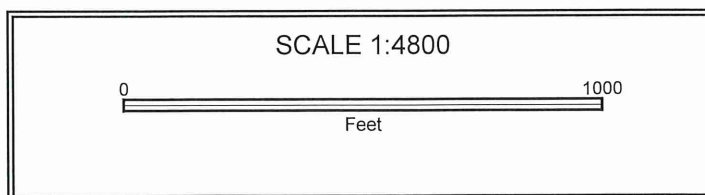
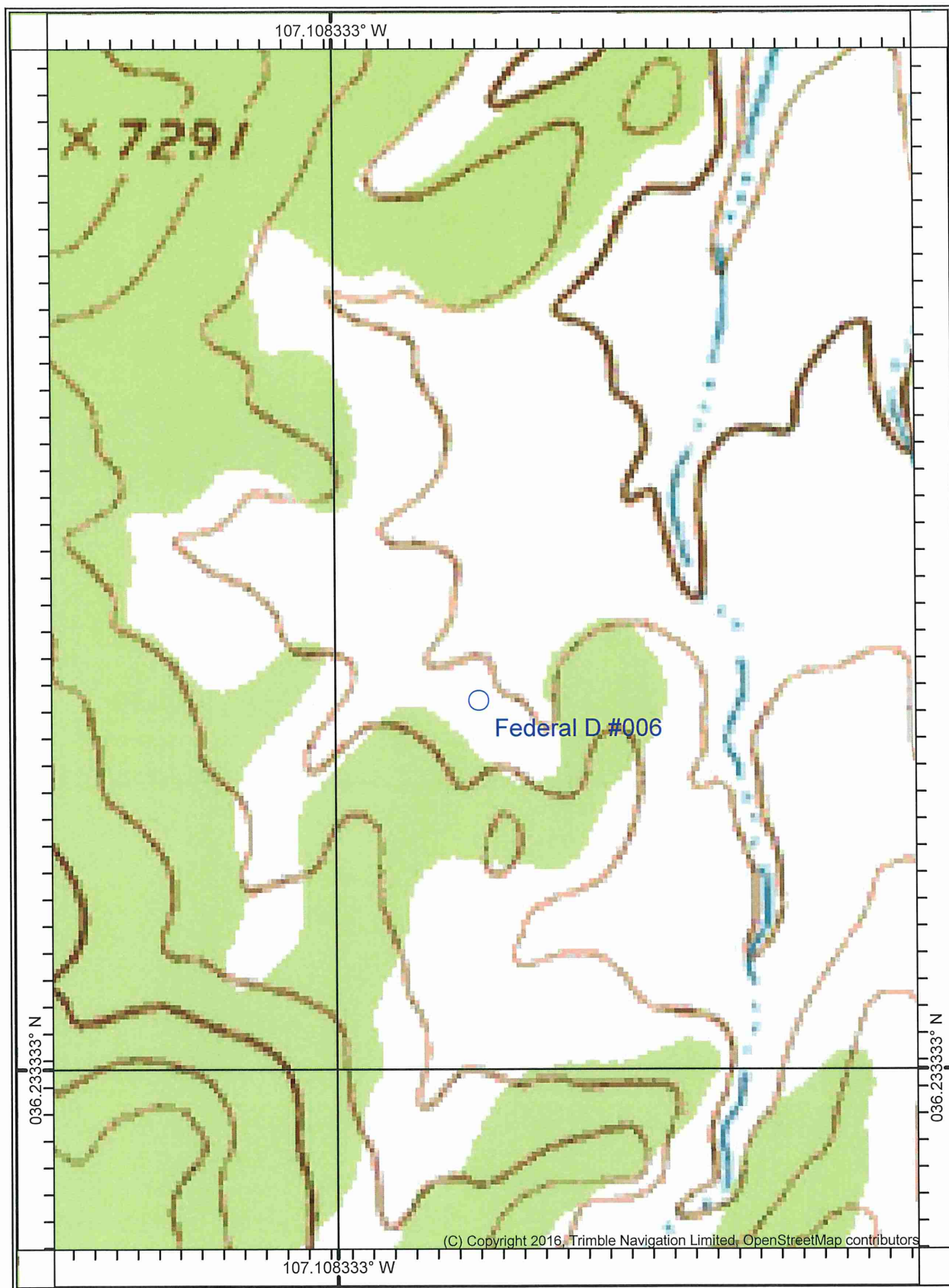
A Initial C-141 will be submitted through NMOCD E-Docs system.





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







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

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

No records found.

PLSS Search:

Section(s): 10 Township: 23N Range: 09W

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/12/21 11:22 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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

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

No records found.

PLSS Search:

Section(s): 10 Township: 24N Range: 09W

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/12/21 11:23 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Federal D #006

Remediation Summary

Epic Energy experienced an oil release of 6.95 BBLS on January 29, 2021 at 10:30am due to a stuffing box failure on the Federal D #006 EPIC Energy is providing a 24-hour courtesy notice due to the well pad being constructed upon a blue line on a topographic map. However, no hydrocarbons entered a waterway nor a wash.

The oil release stayed on the pad and did not leave location/result in a fire, nor threaten human health.


All impacted material was removed via a hydro vac truck and was disposed of at Envirotech Landfarm.

All impacted material was removed via a hydro vac truck and backhoe and was disposed of at Envirotech Land farm. The freezing temperatures allowed for easy cleanup and little penetration into the ground surface.

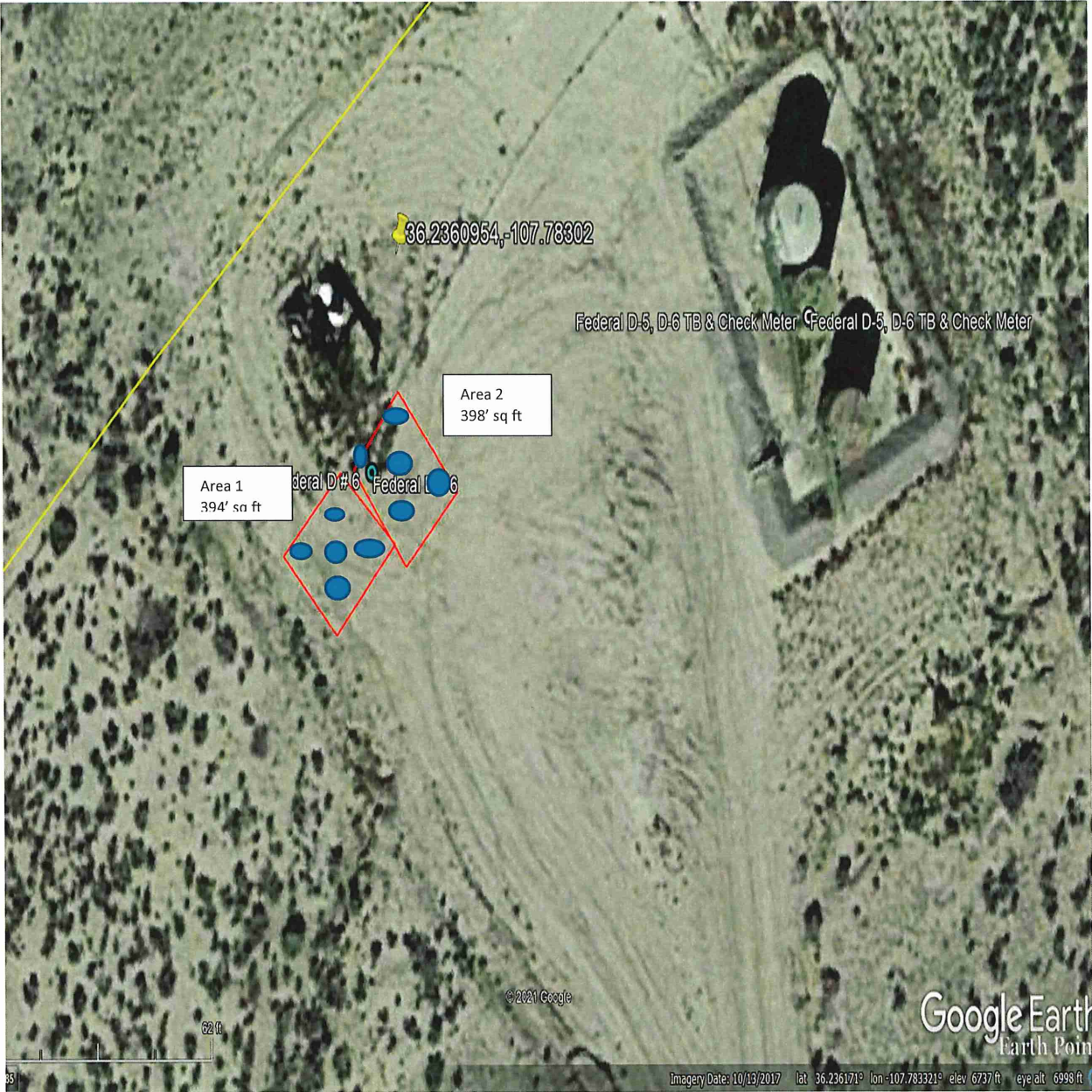
On Wednesday March 11, 2021 Epic Energy conducted final confirmation samples. Per phone conversation with the Cory Smith with the NMOCD it was approved with a 400sq ft 5-point confirmation sampling plan. (2) 5- point confirmation samples were collected from the release affected area. No visible signs of staining were noted during the confirmation sampling event. Final photos analytical results of the sampling were emailed to Cory Smith on March 26, 2021.

Date Sampled	Sample Area 5-point composite	8021 BTEX	Benzene	8015 DRO	8015 GRO	8015 ORO	Chloride
3/11/2021	Area 1 (1) 5point composite	Non-Detect	Non-Detect	35.6 mg/kg	Non-Detect	Non-Detect	Non-Detect
3/11/2021	Area 2 (1) 5point composite	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	29.7 mg/kg

Closure Criteria Sampling Standards

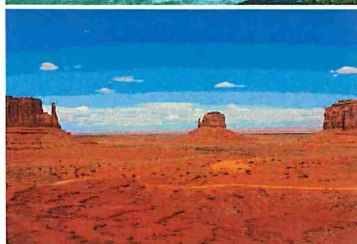
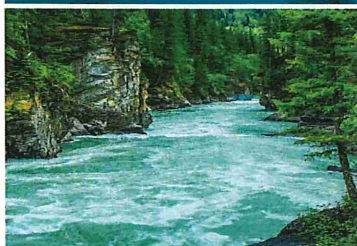
<p>Table I</p> <p>Closure Criteria for Soils Impacted by a Release</p>			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
<p>≤ 50 feet</p> 	Chloride***	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
51 feet-100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Sampling Map



Report to:

Vanessa Fields



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Epic Energy

Project Name: Fed D #006

Work Order: E103043

Job Number: 18012-0006

Received: 3/11/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/18/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted 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 NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/18/21

Vanessa Fields
7415 Main Street
Farmington, NM 87402



Project Name: Fed D #006
Workorder: E103043
Date Received: 3/11/2021 11:07:00AM

Vanessa Fields,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/11/2021 11:07:00AM, under the Project Name: Fed D #006.

The analytical test results summarized in this report with the Project Name: Fed D #006 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Epic Energy 7415 Main Street Farmington NM, 87402	Project Name: Fed D #006 Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 03/18/21 16:45
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Area 1 (5 Point)	E103043-01A	Soil	03/11/21	03/11/21	Glass Jar, 4 oz.
Area 2 (5 Point)	E103043-02A	Soil	03/11/21	03/11/21	Glass Jar, 4 oz.

Sample Data

Epic Energy	Project Name:	Fed D #006	Reported: 3/18/2021 4:45:16PM
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

Area 1 (5 Point)

E103043-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2111047
Benzene	ND	0.0250	1	03/11/21	03/12/21	
Toluene	ND	0.0250	1	03/11/21	03/12/21	
Ethylbenzene	ND	0.0250	1	03/11/21	03/12/21	
p,m-Xylene	ND	0.0500	1	03/11/21	03/12/21	
o-Xylene	ND	0.0250	1	03/11/21	03/12/21	
Total Xylenes	ND	0.0250	1	03/11/21	03/12/21	
Surrogate: 4-Bromochlorobenzene-PID	98.9 %	70-130		03/11/21	03/12/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2111047
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/21	03/12/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.0 %	70-130		03/11/21	03/12/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HT		Batch: 2112024
Diesel Range Organics (C10-C28)	35.6	25.0	1	03/17/21	03/18/21	
Oil Range Organics (C28-C35)	ND	50.0	1	03/17/21	03/18/21	
Surrogate: n-Nonane	110 %	50-200		03/17/21	03/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2111048
Chloride	ND	20.0	1	03/11/21	03/12/21	



Sample Data

Epic Energy	Project Name:	Fed D #006	Reported: 3/18/2021 4:45:16PM
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

Area 2 (5 Point)

E103043-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2111047
Benzene	ND	0.0250	1	03/11/21	03/12/21	
Toluene	ND	0.0250	1	03/11/21	03/12/21	
Ethylbenzene	ND	0.0250	1	03/11/21	03/12/21	
p,m-Xylene	ND	0.0500	1	03/11/21	03/12/21	
o-Xylene	ND	0.0250	1	03/11/21	03/12/21	
Total Xylenes	ND	0.0250	1	03/11/21	03/12/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	03/11/21	03/12/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2111047
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/21	03/12/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	03/11/21	03/12/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HT		Batch: 2112024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/17/21	03/18/21	
Oil Range Organics (C28-C35)	ND	50.0	1	03/17/21	03/18/21	
<i>Surrogate: n-Nonane</i>		110 %	50-200	03/17/21	03/18/21	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2111048
Chloride	29.7	20.0	1	03/11/21	03/12/21	



QC Summary Data

Epic Energy	Project Name:	Fed D #006	Reported:
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	3/18/2021 4:45:16PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2111047-BLK1)

Prepared: 03/11/21 Analyzed: 03/12/21

Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.1	70-130			

LCS (2111047-BS1)

Prepared: 03/11/21 Analyzed: 03/12/21

Benzene	5.27	0.0250	5.00		105	70-130			
Toluene	5.34	0.0250	5.00		107	70-130			
Ethylbenzene	5.22	0.0250	5.00		104	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
o-Xylene	5.35	0.0250	5.00		107	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.6	70-130			

Matrix Spike (2111047-MS1)

Source: E103040-01 Prepared: 03/11/21 Analyzed: 03/12/21

Benzene	5.18	0.0250	5.00	ND	104	54-133			
Toluene	5.33	0.0250	5.00	ND	107	61-130			
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
Total Xylenes	15.7	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.7	70-130			

Matrix Spike Dup (2111047-MSD1)

Source: E103040-01 Prepared: 03/11/21 Analyzed: 03/12/21

Benzene	4.88	0.0250	5.00	ND	97.6	54-133	5.92	20	
Toluene	4.94	0.0250	5.00	ND	98.9	61-130	7.48	20	
Ethylbenzene	4.80	0.0250	5.00	ND	96.1	61-133	6.68	20	
p,m-Xylene	9.69	0.0500	10.0	ND	96.9	63-131	6.88	20	
o-Xylene	4.93	0.0250	5.00	ND	98.5	63-131	6.83	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.4	63-131	6.86	20	
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			



QC Summary Data

Epic Energy	Project Name:	Fed D #006	Reported:
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	3/18/2021 4:45:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2111047-BLK1)

Prepared: 03/11/21 Analyzed: 03/12/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			

LCS (2111047-BS2)

Prepared: 03/11/21 Analyzed: 03/12/21

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			

Matrix Spike (2111047-MS2)

Source: E103040-01 Prepared: 03/11/21 Analyzed: 03/12/21

Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.41		8.00		105	70-130			

Matrix Spike Dup (2111047-MSD2)

Source: E103040-01 Prepared: 03/11/21 Analyzed: 03/12/21

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0	ND	110	70-130	3.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.23		8.00		103	70-130			



QC Summary Data

Epic Energy	Project Name:	Fed D #006	Reported:
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	3/18/2021 4:45:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2112024-BLK1)

Prepared: 03/17/21 Analyzed: 03/17/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C35)	ND	50.0							
Surrogate: n-Nonane	54.0		50.0		108	50-200			

LCS (2112024-BS1)

Prepared: 03/17/21 Analyzed: 03/17/21

Diesel Range Organics (C10-C28)	470	25.0	500		94.1	38-132			
Surrogate: n-Nonane	50.9		50.0		102	50-200			

Matrix Spike (2112024-MS1)

Source: E103053-06 Prepared: 03/17/21 Analyzed: 03/17/21

Diesel Range Organics (C10-C28)	524	25.0	500	ND	105	38-132			
Surrogate: n-Nonane	55.5		50.0		111	50-200			

Matrix Spike Dup (2112024-MSD1)

Source: E103053-06 Prepared: 03/17/21 Analyzed: 03/17/21

Diesel Range Organics (C10-C28)	492	25.0	500	ND	98.5	38-132	6.13	20	
Surrogate: n-Nonane	51.9		50.0		104	50-200			



QC Summary Data

Epic Energy	Project Name:	Fed D #006	Reported:
7415 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	3/18/2021 4:45:16PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2111048-BLK1)

Prepared: 03/11/21 Analyzed: 03/12/21

Chloride	ND	20.0				
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LCS (2111048-BS1)

Prepared: 03/11/21 Analyzed: 03/12/21

Chloride	261	20.0	250		104	90-110
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Matrix Spike (2111048-MS1)

Source: E103040-01 Prepared: 03/11/21 Analyzed: 03/12/21

Chloride	263	20.0	250	ND	105	80-120
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Matrix Spike Dup (2111048-MSD1)

Source: E103040-01 Prepared: 03/11/21 Analyzed: 03/12/21

Chloride	246	20.0	250	ND	98.3	80-120	6.66	20
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QC Summary Report Comment:

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



Definitions and Notes

Epic Energy	Project Name:	Fed D #006	
7415 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	03/18/21 16:45

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 1

[illegible]

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envirotech

Envirotech Analytical Laboratory

Printed: 3/11/2021 12:11:51PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Epic Energy	Date Received:	03/11/21 11:07	Work Order ID:	E103043
Phone:	(505) 327-4892	Date Logged In:	03/11/21 12:09	Logged In By:	Alexa Michaels
Email:	vanessa@walsheng.net	Due Date:	03/18/21 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Vanessa Fields

Note: Analysis, such as pH which should be conducted in the field,
i.e., 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? No
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15
minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client InstructionComments/Resolution

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.









District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 28283

CONDITIONS

Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410	OGRID: 372834
	Action Number: 28283
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	1. Confirm information is accurate on Form C-141 (e.g. latitude & longitude GPS coordinates). 2. Reclamation site/area must meet applicable requirements per 19.15.29.13 NMAC. 3. Future incidents meet required timeline. 4. Communication with NMOCD for anticipated delays or time extensions be recorded accordingly.	10/5/2021