

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 | nAPP2126749790 |
| 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) nAPP2126749790 |
| Contact mailing address: 332 RD 3100 Aztec, NM 87410 | |

Location of Release Source

Latitude 36.2539177 _____ Longitude -107.6632462 _____
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|--|----------------------------------|
| Site Name: Federal 3 #043 /Federal 3-23 Tank Battery | Site Type Oil |
| Date Release Discovered 9/20/2021 | API# (if applicable) 30-45-25121 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|----------|
| I | 03 | 23N | 08W | 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 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 type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

Additional Details provided by the operator: The above named well has some staining to the rear of pumpjack that needs cleaned up (cTV2126350829). There is also some staining at the Federal 3-23 & 3-43 central tank battery located to the west of location that also needs cleaned up. Please have all staining cleaned up and send photos when completed. Compliance resolution due by 12/20/2021. Once cleanup efforts were conducted on the staining near the load line of the tank battery roughly 20cyds of impacted soil were removed from the area thus requiring notification for a minor release. All components of the release area are historic staining. Epic Energy will remediate area to 19.15.29 standards

State of New Mexico
Oil Conservation Division

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| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? Release was evaluated and determined to be in accordance with 19.15.29 7(A) |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc.)? | |

Initial Response

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

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Vanessa Fields Title: Regulatory Compliance Manager
 Signature: [Signature] Date: 9/24/2021
 email: vanessa@walsheng.net Telephone: 505-787-9100

OCD Only

Received by: _____ Date: _____

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Site Assessment/Characterization

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

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | <u> >120 </u> (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

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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: [Signature] Date: 2/28/2022

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

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

| | |
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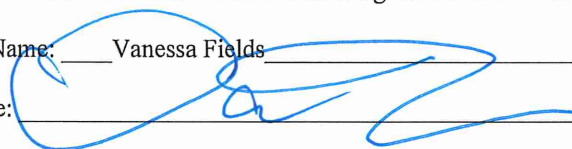
Closure

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 Manager
 Signature:  Date: 2/28/2022
 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: 03/08/2022
 Printed Name: Nelson Velez Title: Environmental Specialist – Adv

Federal 3-43 Tank Battery

Remediation Summary


On September 30, 2021, NMOCD Inspector Thomas Vermersch identified staining on the Federal 3-43 tank battery. After remediation roughly 20 cyds of impacted soil was removed.

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

On December 21, 2021, Epic Energy conducted final confirmation samples. (2) (200sqft) 5- point confirmation samples were collected from the release affected area. No visible signs of staining were noted during the confirmation sampling event. Photos and analytical results demonstrate remedial actives completed.

| Date Sampled | Sample Area 5-point composite | 8021 BTEX | Benzene | 8015 DRO | 8015 GRO | 8015 ORO | Chloride |
|--------------|-------------------------------|------------|------------|------------|------------|------------|-----------|
| 12/21/2021 | Wall (1) 5point composite | Non-Detect | Non-Detect | 137 mg/kg | Non-Detect | 159 mg/kg | 930 mg/kg |
| 12/21/2021 | Base (1) 5point composite | Non-Detect | Non-Detect | 59.6 mg/kg | Non-Detect | 71.5 mg/kg | 731 mg/kg |

Closure Criteria Sampling Standards

| <p style="text-align: center;">Table I 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** |
| ≤ 50 feet | 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 |

Vanessa Fields

From: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Sent: Thursday, February 24, 2022 2:57 PM
To: Vanessa Fields
Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Vanessa,

Due to OCD's web portals being overloaded during the recent weeks, a second time extension was granted for this incident to March 1, 2022. Please retain a copy of this correspondence thread for inclusion within the final closure report submittal

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposal and/or final closure reports.

Correspondence required to be included in reports may include, but not limited to, time extension requests, liner inspection notifications, sample event notifications, spill/release/fire notifications, and variance requests.

Thanks again.

Nelson Velez • Environmental Specialist - Adv
 Environmental Bureau | EMNRD - Oil Conservation Division
 1000 Rio Brazos Road | Aztec, NM 87410
 (505) 469-6146 | nelson.velez@state.nm.us

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur.
 7:00 am-11:00 pm & 12:00-4:00 Fri.

From: Vanessa Fields <vanessa@walsheng.net>
Sent: Wednesday, February 23, 2022 4:53 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Good afternoon Nelson,

The Final C-141 will be submitted into E-Permitting 2-24-2022. The delay was due to service contractors unable to backfill the location.

As discussed all constituents are below regulatory standards.

Thank you,

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



www.walsheng.net

From: Vanessa Fields
Sent: Tuesday, February 8, 2022 8:18 AM
To: Nelson.Velez@state.nm.us
Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Good morning Nelson,

Just a FYI E-Permitting has been down since yesterday.

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



From: Vanessa Fields
Sent: Tuesday, February 8, 2022 7:38 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Good morning Nelson,

I was able to get a picture of the backfill of the Federal 3-23 3-43 Central Tank Battery. The final C-141 will be submitted into E-Permitting today.

Thank you,

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



From: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>

Sent: Friday, January 28, 2022 8:33 AM

To: Vanessa Fields <vanessa@walsheng.net>

Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Vanessa,

Thanks for the update. OCD accepts the good cause effort and timeline you referenced.

Please include this thread within the final closure document.

Thanks again for your timely communications with OCD.

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@state.nm.us

Hrs.: 8:00-11:30 am & 1:00-5:00 pm Mon.-Thur.
8:00 am-12:00 pm & 1:00-5:00 Fri.

From: Vanessa Fields <vanessa@walsheng.net>

Sent: Thursday, January 27, 2022 3:07 PM

To: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>

Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Good afternoon Nelson,

I wanted to provide you with a update on the Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery. I am waiting for the construction crew to mobilize to the location to backfill the area so I can have the picture for the Final C-141. The final C-141 will be submitted to the NMOCD by 2-4-2022. I apologize for delay as there seems to be a lack of roustabout crews at this time..

Thank you,

Vanessa Fields

Environmental /Regulatory Compliance Manager

Walsh Engineering

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net



www.walsheng.net

From: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>

Sent: Friday, January 21, 2022 2:02 PM

To: Vanessa Fields <vanessa@walsheng.net>

Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Sounds good. Thanks Vanessa. I'll probably review by the end of next week.

If by chance I don't, please remind me. Downside of aging will be my excuse, justifiable or not.

Have a great weekend!

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@state.nm.us

From: Vanessa Fields <vanessa@walsheng.net>
Sent: Friday, January 21, 2022 1:57 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Good afternoon Nelson,

I will submit the Final C-141 through E-Permitting.

Thank you,

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



From: Vanessa Fields
Sent: Tuesday, January 4, 2022 3:04 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Good afternoon guys,

The chlorides on the wall of sample are above the 600 mg/kg standards. I will further remediate and provide notice for sampling. The base of the excavation is at 5' bgs.

Thank you,

Vanessa Fields
Environmental /Regulatory Compliance Manager

Walsh Engineering

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net



www.walsheng.net

From: Vanessa Fields

Sent: Monday, December 20, 2021 3:56 PM

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

Cc: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>

Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Thank you very much. Once I receive the analytical results I will advise the OCD.

Have a good day.

Vanessa Fields

Environmental /Regulatory Compliance Manager

Walsh Engineering

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net



www.walsheng.net

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

Sent: Monday, December 20, 2021 3:54 PM

To: Vanessa Fields <vanessa@walsheng.net>

Cc: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>

Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Vanessa,

Thank you for the notification, OCD approves Epic Energy's request for a 30 day extension. Please submit the Closure report with all required attachments no later than January 21, 2022.

In the event that additional remediation is required OCD will review an additional extension request separately.

Please include this approval for an extension in your final C-141 closure report.

Cory Smith

Environmental Specialist Supervisor

Oil Conservation Division

Energy, Minerals, & Natural Resources
Albuquerque Office
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Vanessa Fields <vanessa@walsheng.net>
Sent: Monday, December 20, 2021 3:50 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Good afternoon Cory,

Just to clarify on the request of the extension I am waiting on analytical results from the lab. If all analytical results are below regulatory standards Epic Energy request a 30 day extension. If further remediation is required Epic Energy will notify the NMOCD .

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



www.walsheng.net

From: Vanessa Fields
Sent: Monday, December 20, 2021 2:20 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery Extension for closure

Good afternoon Cory,

Epic Energy is requesting a 60 day extension for closure of the Federal 3-23 3-43 Central Tank Battery Closure report.

Thank you,

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



www.walsheng.net

From: Vanessa Fields

Sent: Thursday, December 9, 2021 10:42 AM

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

Cc: Vern Andrews <vern@walsheng.net>; John Hampton Jr <jidhampton@walsheng.net>; Michael Dean <michael.dean@walsheng.net>; Shawna Martinez <shawna@walsheng.net>

Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery 72 hour Notification Sampling incident ID (n#) nAPP2126749790, Monday December 13, 2021 at 10:00 am

Good morning,

Epic Energy is providing 48 hour notification for the final conformation sampling of the Federal 3-23 3-43 Central Tank Battery incident ID (n#) nAPP2126749790 on Monday December 13, 2021 at 10:00 am. Epic Energy will comply with 19.15.29 for sampling.

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net



www.walsheng.net

From: Vanessa Fields

Sent: Friday, September 24, 2021 3:50 PM

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

Cc: Vern Andrews <vern@walsheng.net>; John Hampton Jr <jidhampton@walsheng.net>; Michael Dean <michael.dean@walsheng.net>; Shawna Martinez <shawna@walsheng.net>

Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery

Thank you Emmanuel. In the Sundry I will put attention to you.

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Adeloye, Abiodun A <aadeloye@blm.gov>

Sent: Friday, September 24, 2021 3:48 PM

To: Vanessa Fields <vanessa@walsheng.net>; Vermersch, Thomas, EMNRD <Thomas.Vermersch@state.nm.us>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Vern Andrews <vern@walsheng.net>; John Hampton Jr <jdhampston@walsheng.net>; Michael Dean <michael.dean@walsheng.net>; Shawna Martinez <shawna@walsheng.net>
Subject: Re: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery

Thank you so much. Please reference it to me so that it can be directed to me for process, if possible.
 Thank you and have a great weekend.

Abiodun Adeloye (Emmanuel), NRS

*Bureau of Land Management
 Farmington Field Office
 6251 College Blvd., Suite A
 Farmington, NM 87402
 Office Phone: 505-564-7665
 Cell Phone: 505-635-0984*

From: Vanessa Fields <vanessa@walsheng.net>
Sent: Friday, September 24, 2021 3:15 PM
To: Adeloye, Abiodun A <aadeloye@blm.gov>; Vermersch, Thomas, EMNRD <Thomas.Vermersch@state.nm.us>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Vern Andrews <vern@walsheng.net>; John Hampton Jr <jdhampston@walsheng.net>; Michael Dean <michael.dean@walsheng.net>; Shawna Martinez <shawna@walsheng.net>
Subject: RE: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery

Thank you Emmanuel,

I will submit on a Sundry as the release is estimated to be only around 6 BBLS when I convert the impacted soil removed to cyds.

Please let me know if you have any questions.

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

From: Adeloye, Abiodun A <aadeloye@blm.gov>
Sent: Friday, September 24, 2021 2:49 PM
To: Vanessa Fields <vanessa@walsheng.net>; Vermersch, Thomas, EMNRD <Thomas.Vermersch@state.nm.us>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Vern Andrews <vern@walsheng.net>; John Hampton Jr <jdhampston@walsheng.net>; Michael Dean <michael.dean@walsheng.net>; Shawna Martinez <shawna@walsheng.net>
Subject: Re: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery

Hi, Venessa, thanks for the notification. BLM would prefer that this incident is reported officially with either a Sundry or BLM FFO Undesirable Event Reporting Forms for proper documentation.

Please let me know if you have any questions.

Thank you

Abiodun Adeloye (Emmanuel), NRS

Bureau of Land Management

Farmington Field Office

6251 College Blvd., Suite A

Farmington, NM 87402

Office Phone: 505-564-7665

Cell Phone: 505-635-0984

From: Vanessa Fields <vanessa@walsheng.net>

Sent: Friday, September 24, 2021 2:18 PM

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

Cc: Vern Andrews <vern@walsheng.net>; John Hampton Jr <jhampton@walsheng.net>; Michael Dean <michael.dean@walsheng.net>; Shawna Martinez <shawna@walsheng.net>

Subject: [EXTERNAL] RE: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good afternoon Thomas,

On Tuesday September 21, 2021 remediation efforts began on cleaning up the historic staining around the pumpjack. Roughly 20cyds of impacted soil was transported to Envirotech landfarm.

A initial C-141 has been submitted to the NMOCD for a minor release. Please see incident number below.

Epic Energy will remediate to 19.15.29. standards. 48 hour notice will be provided to all agencies prior to final confirmation sampling.

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2126749790,

Please let me know if you have any questions.

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net

From: Vermersch, Thomas, EMNRD <Thomas.Vermersch@state.nm.us>
Sent: Monday, September 20, 2021 2:30 PM
To: Vanessa Fields <vanessa@walsheng.net>
Cc: John Hampton Jr <jdhampton@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>; Vern Andrews <vern@walsheng.net>
Subject: Federal 3 #43 30-045-25121 & Federal 3-23 3-43 Central Tank Battery

Vanessa,

The above named well has some staining to the rear of pumpjack that needs cleaned up (cTV2126350829). There is also some staining at the Federal 3-23 & 3-43 central tank battery located to the west of location that also needs cleaned up. Please have all staining cleaned up and send photos when completed. Compliance resolution due by 12/20/2021.

Thank you,
Thomas Vermersch
Compliance Officer
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
Office (505)334-6178 Ext. 119
Cell (505)386-8499
Fax (505)334-6170

Sample Data

| | | |
|---|---|------------------------------------|
| Epic Energy 7415 Main Street Farmington NM, 87402 | Project Name: Fed 3-23-43 Tank Battery Project Number: 18012-0006 Project Manager: Vanessa Fields | Reported: 12/23/2021 11:42:08AM |
|---|---|------------------------------------|

Wall Base

E112083-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: RKS | | Batch: 2152009 |
| Benzene | ND | 0.0250 | 1 | 12/21/21 | 12/22/21 | |
| Ethylbenzene | ND | 0.0250 | 1 | 12/21/21 | 12/22/21 | |
| Toluene | ND | 0.0250 | 1 | 12/21/21 | 12/22/21 | |
| o-Xylene | ND | 0.0250 | 1 | 12/21/21 | 12/22/21 | |
| p,m-Xylene | ND | 0.0500 | 1 | 12/21/21 | 12/22/21 | |
| Total Xylenes | ND | 0.0250 | 1 | 12/21/21 | 12/22/21 | |
| Surrogate: Bromofluorobenzene | 117 % | 70-130 | | 12/21/21 | 12/22/21 | |
| Surrogate: 1,2-Dichloroethane-d4 | 95.1 % | 70-130 | | 12/21/21 | 12/22/21 | |
| Surrogate: Toluene-d8 | 99.1 % | 70-130 | | 12/21/21 | 12/22/21 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RKS | | Batch: 2152009 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 12/21/21 | 12/22/21 | |
| Surrogate: Bromofluorobenzene | 117 % | 70-130 | | 12/21/21 | 12/22/21 | |
| Surrogate: 1,2-Dichloroethane-d4 | 95.1 % | 70-130 | | 12/21/21 | 12/22/21 | |
| Surrogate: Toluene-d8 | 99.1 % | 70-130 | | 12/21/21 | 12/22/21 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KL | | Batch: 2152008 |
| Diesel Range Organics (C10-C28) | 137 | 25.0 | 1 | 12/21/21 | 12/21/21 | |
| Oil Range Organics (C28-C36) | 159 | 50.0 | 1 | 12/21/21 | 12/21/21 | |
| Surrogate: n-Nonane | 119 % | 50-200 | | 12/21/21 | 12/21/21 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: GB | | Batch: 2152007 |
| Chloride | 930 | 20.0 | 1 | 12/21/21 | 12/21/21 | |



Sample Data

| | | |
|---|---|------------------------------------|
| Epic Energy 7415 Main Street Farmington NM, 87402 | Project Name: Fed 3-23-43 Tank Battery Project Number: 18012-0006 Project Manager: Vanessa Fields | Reported: 12/23/2021 11:42:08AM |
|---|---|------------------------------------|

Base Corner

E112083-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: RKS | | Batch: 2152009 |
| Benzene | ND | 0.0250 | 1 | 12/21/21 | 12/22/21 | |
| Ethylbenzene | ND | 0.0250 | 1 | 12/21/21 | 12/22/21 | |
| Toluene | ND | 0.0250 | 1 | 12/21/21 | 12/22/21 | |
| o-Xylene | ND | 0.0250 | 1 | 12/21/21 | 12/22/21 | |
| p,m-Xylene | ND | 0.0500 | 1 | 12/21/21 | 12/22/21 | |
| Total Xylenes | ND | 0.0250 | 1 | 12/21/21 | 12/22/21 | |
| Surrogate: Bromofluorobenzene | | 117 % | 70-130 | 12/21/21 | 12/22/21 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.9 % | 70-130 | 12/21/21 | 12/22/21 | |
| Surrogate: Toluene-d8 | | 99.5 % | 70-130 | 12/21/21 | 12/22/21 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: RKS | | Batch: 2152009 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 12/21/21 | 12/22/21 | |
| Surrogate: Bromofluorobenzene | | 117 % | 70-130 | 12/21/21 | 12/22/21 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.9 % | 70-130 | 12/21/21 | 12/22/21 | |
| Surrogate: Toluene-d8 | | 99.5 % | 70-130 | 12/21/21 | 12/22/21 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KL | | Batch: 2152008 |
| Diesel Range Organics (C10-C28) | 59.6 | 25.0 | 1 | 12/21/21 | 12/21/21 | |
| Oil Range Organics (C28-C36) | 71.5 | 50.0 | 1 | 12/21/21 | 12/21/21 | |
| Surrogate: n-Nonane | | 122 % | 50-200 | 12/21/21 | 12/21/21 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: GB | | Batch: 2152007 |
| Chloride | 731 | 20.0 | 1 | 12/21/21 | 12/21/21 | |



Project Information

Chain of Custody

Page 1 of 1

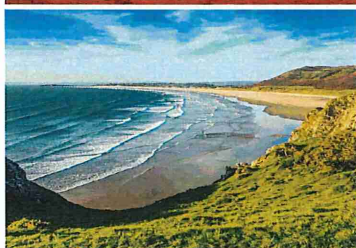
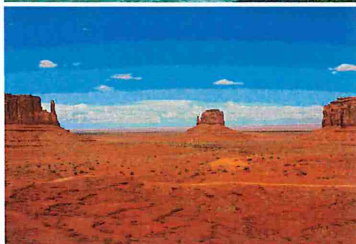
[illegible]

Page 12 of 13



envirotech

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 3-23-43 Tank Battery

Work Order: E112083

Job Number: 18012-0006

Received: 12/21/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/23/21

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.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/23/21

Vanessa Fields
7415 Main Street
Farmington, NM 87402



Project Name: Fed 3-23-43 Tank Battery
Workorder: E112083
Date Received: 12/21/2021 10:06:00AM

Vanessa Fields,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/21/2021 10:06:00AM, under the Project Name: Fed 3-23-43 Tank Battery.

The analytical test results summarized in this report with the Project Name: Fed 3-23-43 Tank Battery 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
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ljjarboe@envirotech-inc.com

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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|---|--|--|---------------------------------|
| Epic Energy 7415 Main Street Farmington NM, 87402 | Project Name: Project Number: Project Manager: | Fed 3-23-43 Tank Battery 18012-0006 Vanessa Fields | Reported: 12/23/21 11:42 |
|---|--|--|---------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| Wall Base | E112083-01A | Soil | 12/13/21 | 12/21/21 | Glass Jar, 4 oz. |
| Base Corner | E112083-02A | Soil | 12/13/21 | 12/21/21 | Glass Jar, 4 oz. |



QC Summary Data

| | | | |
|----------------------|------------------|--------------------------|-----------------------|
| Epic Energy | Project Name: | Fed 3-23-43 Tank Battery | Reported: |
| 7415 Main Street | Project Number: | 18012-0006 | |
| Farmington NM, 87402 | Project Manager: | Vanessa Fields | 12/23/2021 11:42:08AM |

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2152009-BLK1)

Prepared: 12/21/21 Analyzed: 12/22/21

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.596 | | 0.500 | | 119 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.461 | | 0.500 | | 92.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.495 | | 0.500 | | 98.9 | 70-130 | | | |

LCS (2152009-BS1)

Prepared: 12/21/21 Analyzed: 12/23/21

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene | 2.57 | 0.0250 | 2.50 | | 103 | 70-130 | | | |
| Ethylbenzene | 2.58 | 0.0250 | 2.50 | | 103 | 70-130 | | | |
| Toluene | 2.40 | 0.0250 | 2.50 | | 96.1 | 70-130 | | | |
| o-Xylene | 2.32 | 0.0250 | 2.50 | | 92.9 | 70-130 | | | |
| p,m-Xylene | 4.83 | 0.0500 | 5.00 | | 96.7 | 70-130 | | | |
| Total Xylenes | 7.15 | 0.0250 | 7.50 | | 95.4 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.614 | | 0.500 | | 123 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.501 | | 0.500 | | 100 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.477 | | 0.500 | | 95.4 | 70-130 | | | |

Matrix Spike (2152009-MS1)

Source: E112084-01

Prepared: 12/21/21 Analyzed: 12/23/21

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|----|------|--------|--|--|--|
| Benzene | 2.55 | 0.0250 | 2.50 | ND | 102 | 48-131 | | | |
| Ethylbenzene | 2.64 | 0.0250 | 2.50 | ND | 106 | 45-135 | | | |
| Toluene | 2.48 | 0.0250 | 2.50 | ND | 99.4 | 48-130 | | | |
| o-Xylene | 2.39 | 0.0250 | 2.50 | ND | 95.6 | 43-135 | | | |
| p,m-Xylene | 4.97 | 0.0500 | 5.00 | ND | 99.4 | 43-135 | | | |
| Total Xylenes | 7.36 | 0.0250 | 7.50 | ND | 98.2 | 43-135 | | | |
| Surrogate: Bromofluorobenzene | 0.613 | | 0.500 | | 123 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.479 | | 0.500 | | 95.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.495 | | 0.500 | | 98.9 | 70-130 | | | |

Matrix Spike Dup (2152009-MSD1)

Source: E112084-01

Prepared: 12/21/21 Analyzed: 12/23/21

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|----|------|--------|-------|----|--|
| Benzene | 2.55 | 0.0250 | 2.50 | ND | 102 | 48-131 | 0.157 | 23 | |
| Ethylbenzene | 2.57 | 0.0250 | 2.50 | ND | 103 | 45-135 | 2.73 | 27 | |
| Toluene | 2.42 | 0.0250 | 2.50 | ND | 96.8 | 48-130 | 2.59 | 24 | |
| o-Xylene | 2.31 | 0.0250 | 2.50 | ND | 92.4 | 43-135 | 3.42 | 27 | |
| p,m-Xylene | 4.83 | 0.0500 | 5.00 | ND | 96.7 | 43-135 | 2.85 | 27 | |
| Total Xylenes | 7.14 | 0.0250 | 7.50 | ND | 95.2 | 43-135 | 3.03 | 27 | |
| Surrogate: Bromofluorobenzene | 0.582 | | 0.500 | | 116 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.477 | | 0.500 | | 95.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.486 | | 0.500 | | 97.2 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|------------------------------------|
| Epic Energy 7415 Main Street Farmington NM, 87402 | Project Name: Fed 3-23-43 Tank Battery Project Number: 18012-0006 Project Manager: Vanessa Fields | Reported: 12/23/2021 11:42:08AM |
|---|---|------------------------------------|

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2152009-BLK1)

Prepared: 12/21/21 Analyzed: 12/22/21

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.596 | | 0.500 | | 119 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.461 | | 0.500 | | 92.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.495 | | 0.500 | | 98.9 | 70-130 | | | |

LCS (2152009-BS2)

Prepared: 12/21/21 Analyzed: 12/22/21

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 51.0 | 20.0 | 50.0 | | 102 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.591 | | 0.500 | | 118 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.482 | | 0.500 | | 96.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.506 | | 0.500 | | 101 | 70-130 | | | |

Matrix Spike (2152009-MS2)

Source: E112084-01

Prepared: 12/21/21 Analyzed: 12/22/21

| | | | | | | | | | |
|----------------------------------|-------|------|-------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 48.2 | 20.0 | 50.0 | ND | 96.5 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.588 | | 0.500 | | 118 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.514 | | 0.500 | | 103 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.498 | | 0.500 | | 99.6 | 70-130 | | | |

Matrix Spike Dup (2152009-MSD2)

Source: E112084-01

Prepared: 12/21/21 Analyzed: 12/22/21

| | | | | | | | | | |
|----------------------------------|-------|------|-------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 46.7 | 20.0 | 50.0 | ND | 93.4 | 70-130 | 3.26 | 20 | |
| Surrogate: Bromofluorobenzene | 0.589 | | 0.500 | | 118 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.473 | | 0.500 | | 94.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.499 | | 0.500 | | 99.8 | 70-130 | | | |



QC Summary Data

| | | |
|---|---|------------------------------------|
| Epic Energy 7415 Main Street Farmington NM, 87402 | Project Name: Fed 3-23-43 Tank Battery Project Number: 18012-0006 Project Manager: Vanessa Fields | Reported: 12/23/2021 11:42:08AM |
|---|---|------------------------------------|

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KL

| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2152008-BLK1)

Prepared: 12/21/21 Analyzed: 12/21/21

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 53.5 | | 50.0 | | 107 | 50-200 | | | |

LCS (2152008-BS1)

Prepared: 12/21/21 Analyzed: 12/21/21

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 543 | 25.0 | 500 | | 109 | 38-132 | | | |
| Surrogate: n-Nonane | 53.6 | | 50.0 | | 107 | 50-200 | | | |

Matrix Spike (2152008-MS1)

Source: E112081-11

Prepared: 12/21/21 Analyzed: 12/21/21

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 550 | 25.0 | 500 | ND | 110 | 38-132 | | | |
| Surrogate: n-Nonane | 56.6 | | 50.0 | | 113 | 50-200 | | | |

Matrix Spike Dup (2152008-MSD1)

Source: E112081-11

Prepared: 12/21/21 Analyzed: 12/21/21

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 570 | 25.0 | 500 | ND | 114 | 38-132 | 3.68 | 20 | |
| Surrogate: n-Nonane | 56.4 | | 50.0 | | 113 | 50-200 | | | |



QC Summary Data

| | | |
|---|---|------------------------------------|
| Epic Energy 7415 Main Street Farmington NM, 87402 | Project Name: Fed 3-23-43 Tank Battery Project Number: 18012-0006 Project Manager: Vanessa Fields | Reported: 12/23/2021 11:42:08AM |
|---|---|------------------------------------|

Anions by EPA 300.0/9056A

Analyst: GB

| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
|--|-----------------|-----------------------------|-------------------------|---------------------------|--|--------------------|----------|-------------------|-------|
| Blank (2152007-BLK1) | | | | | Prepared: 12/21/21 Analyzed: 12/21/21 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2152007-BS1) | | | | | Prepared: 12/21/21 Analyzed: 12/21/21 | | | | |
| Chloride | 257 | 20.0 | 250 | | 103 | 90-110 | | | |
| Matrix Spike (2152007-MS1) | | | | | Source: E112081-01 Prepared: 12/21/21 Analyzed: 12/21/21 | | | | |
| Chloride | 565 | 20.0 | 250 | 350 | 86.2 | 80-120 | | | |
| Matrix Spike Dup (2152007-MSD1) | | | | | Source: E112081-01 Prepared: 12/21/21 Analyzed: 12/21/21 | | | | |
| Chloride | 560 | 20.0 | 250 | 350 | 84.2 | 80-120 | 0.906 | 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.



Definitions and Notes

| | | | |
|----------------------|------------------|--------------------------|----------------|
| Epic Energy | Project Name: | Fed 3-23-43 Tank Battery | |
| 7415 Main Street | Project Number: | 18012-0006 | Reported: |
| Farmington NM, 87402 | Project Manager: | Vanessa Fields | 12/23/21 11:42 |

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.



Envirotech Analytical Laboratory

Printed: 12/21/2021 10:14:59AM

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: | 12/21/21 10:06 | Work Order ID: | E112083 |
| Phone: | (505) 327-4892 | Date Logged In: | 12/21/21 10:11 | Logged In By: | Caitlin Christian |
| Email: | vanessa@walsheng.net | Due Date: | 12/22/21 17:00 (1 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
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Vanessa Fields

Comments/Resolution

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? Yes
 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°C±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 Instruction

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

Date



envirotech Inc.

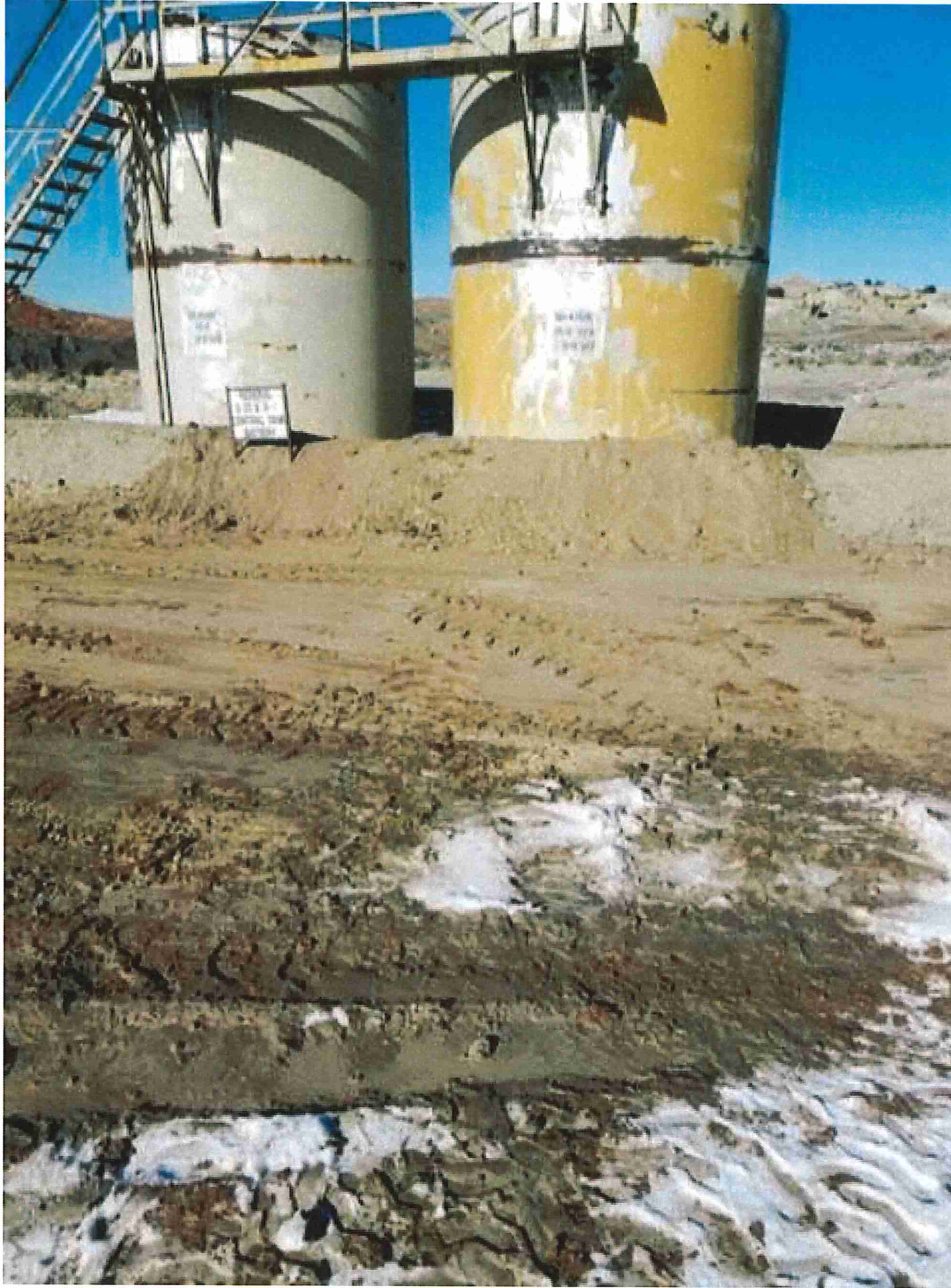
Sampling Map



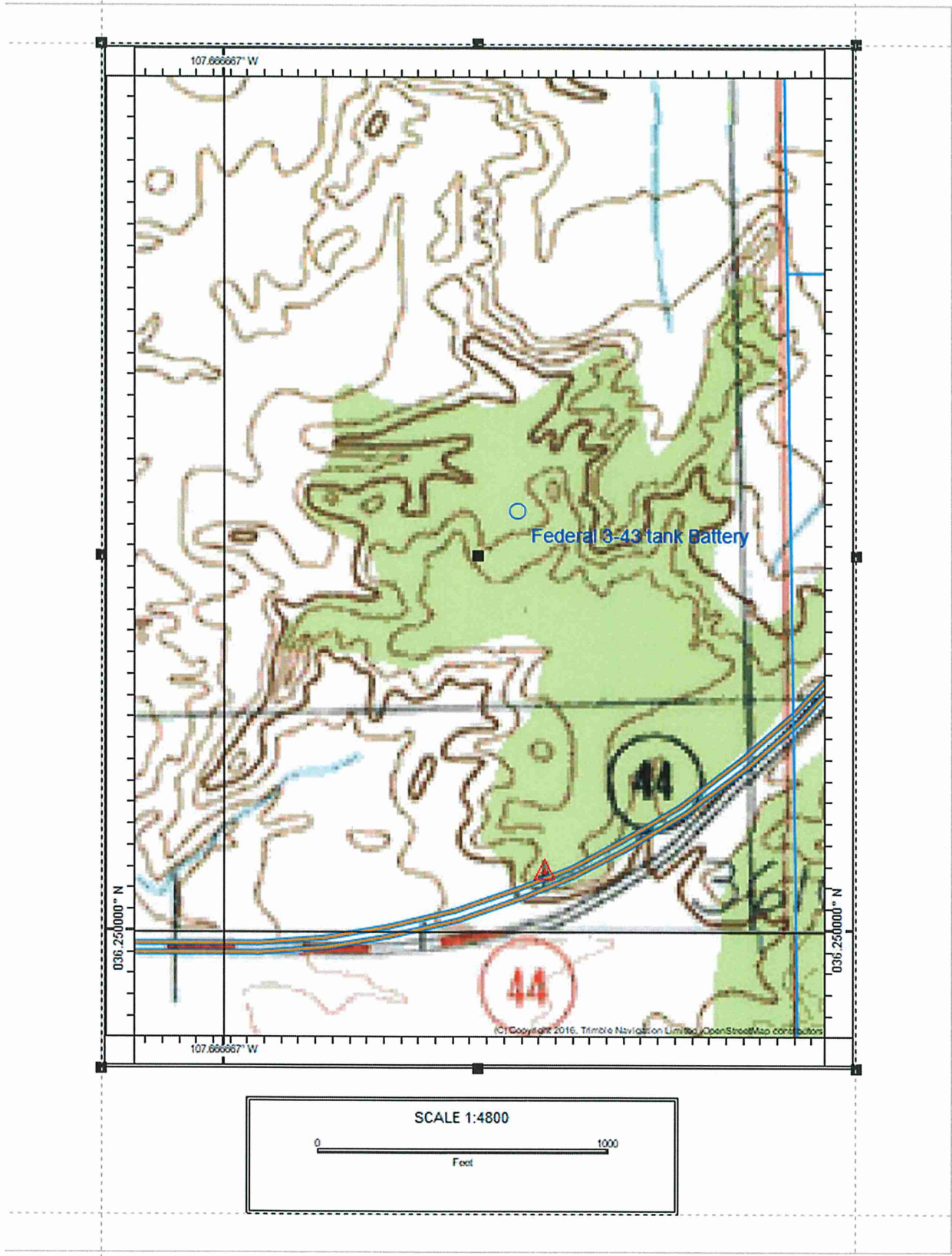
Sampling Photos



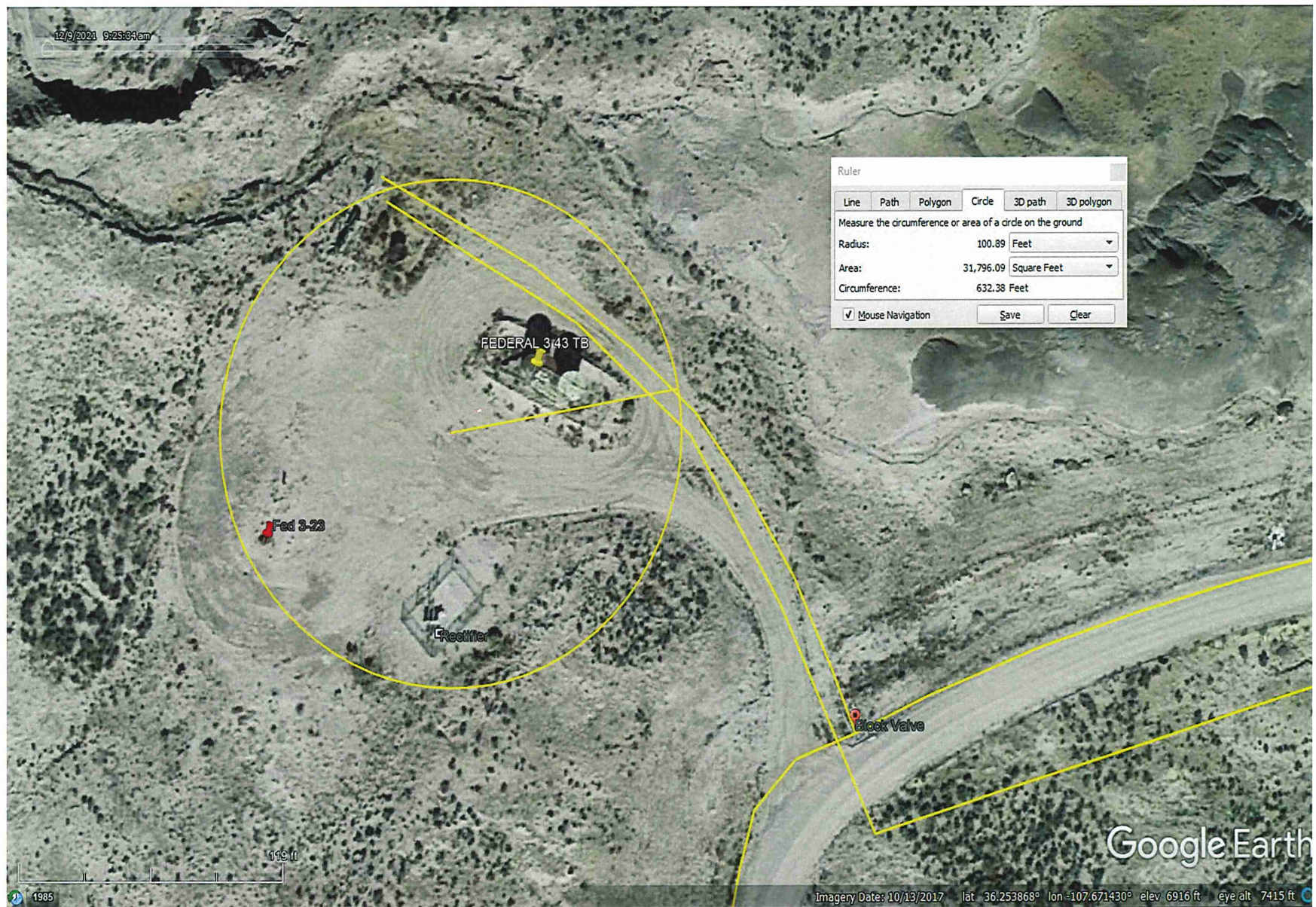
Closure Photo



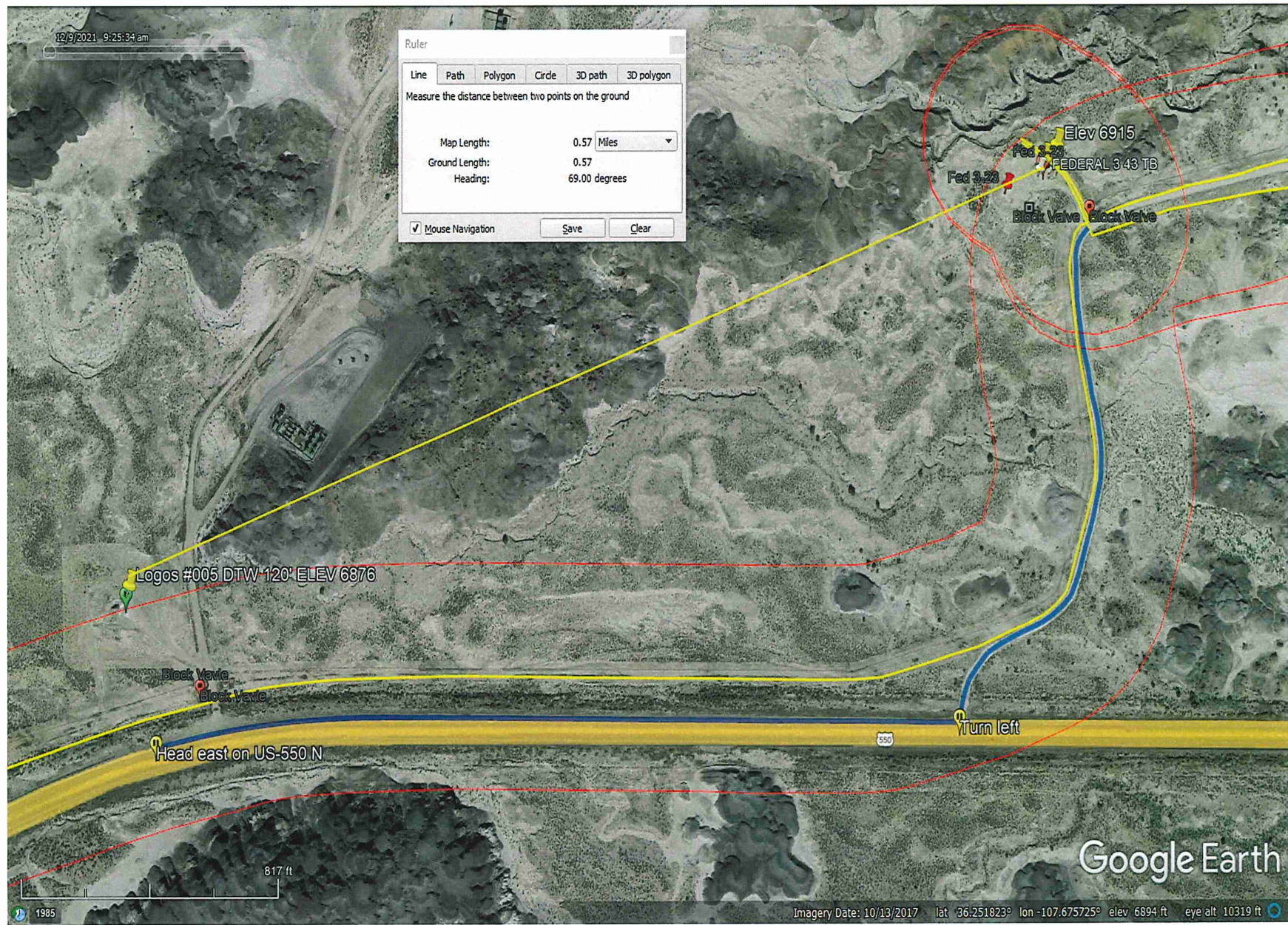
Federal 3-43 Tank Battery



Federal 3-43 Sitting Criteria



Depth to Groundwater > 120'





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,

O=orphaned,

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)

closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

| POD Number: | POD Sub-Code | basin | County | Q | Q | Q | Sec | Tws | Rng | X | Y | Depth Well | Depth Water | Water Column |
|---------------|--------------|-------|--------|---|----|-----|-----|-----|-----|--------|----------|------------|-------------|--------------|
| SJ 01304 | | | SJ | 2 | 01 | 23N | 08W | | | 263823 | 4015987* | 100 | | |
| SJ 01334 | | | SJ | 2 | 01 | 23N | 08W | | | 263823 | 4015987* | 90 | 40 | 50 |
| SJ 01709 | | | SJ | 1 | 1 | 27 | 23N | 08W | | 259451 | 4009831* | 317 | 225 | 92 |
| SJ 03978 POD1 | | | SJ | 1 | 2 | 1 | 22 | 23N | 08W | 259816 | 4011541 | 500 | 260 | 240 |

Average Depth to Water: 175 feet

Minimum Depth: 40 feet

Maximum Depth: 260 feet

Record Count: 4

PLSS Search:

Township: 23N

Range: 08W

*UTM location was derived from PLSS - see Help

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.

7/31/13 1:00 PM

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WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

| POD Number | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Depth Well | Depth Water | Water Column |
|---------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|----------|------------|-------------|--------------|
| <u>SJ 00870</u> | | | SJ | 2 | 3 | 36 | 24N | 08W | | 263248 | 4017010* | 250 | | |
| <u>SJ 00960</u> | | | SJ | 3 | 3 | 36 | 24N | 08W | | 262730 | 4016518* | | | |
| <u>SJ 00960 S</u> | | | SJ | 3 | 1 | 36 | 24N | 08W | | 262744 | 4016920* | | | |
| <u>SJ 00960 S-2</u> | | | SJ | 3 | 2 | 36 | 24N | 08W | | 263147 | 4016909* | | | |
| <u>SJ 00960 S-3</u> | | | SJ | 2 | 4 | 36 | 24N | 08W | | 263336 | 4016707* | | | |
| <u>SJ 02686</u> | | | SJ | 3 | 4 | 32 | 24N | 08W | | 257502 | 4017472* | 690 | 690 | 0 |

Average Depth to Water: 690 feet

Minimum Depth: 690 feet

Maximum Depth: 690 feet

Record Count: 6

PLSS Search:

Township: 24N

Range: 08W

*UTM location was derived from PLSS - see Help

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9/24/13 9:43 AM

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WATER COLUMN/ AVERAGE
DEPTH TO WATER

MO-TE DRILLING, INC.

30-045-35423

DAY Thurs

DRILLER Zach M LEFT TOWN 7 ARRIVED FIELD

HELPER Bob H. LEFT FIELD ARRIVED TOWN

HELPER Tom H. TOTAL FOOTAGE TODAY

RIG NO. 207 DATE 1-17-13 CLIENT Logan Operating

BEGIN WORK ON HOLE NO. Logan H 5 AT FEET

BEGIN WORK ON HOLE NO. Test Hole G/4 AT FEET

| TIME | | ACTIVITY |
|----------------------|------------|---|
| FROM | TO | |
| 8:45 | 9:30 | Drive to location |
| 9:30 | 10:00 | Rig Up |
| 10:00 | 10:15 | Drill G/4 from 0 to 65' |
| 10:15 | 11:15 | Trip out wait 1 hour test for water |
| 11:15 | 11:30 | Drill G/4 from 65' to 120' |
| 11:30 | 1:00 | Trip out ^{ROAD} wait 1 hour test for water |
| 1:00 | 2:15 | back fill hole. |
| | | Drive back to yard |
| | | NO WATER |
| | | 0-10' SAND 50-60' shale |
| | | 10-20' SAND 60-70' shale/clay |
| | | 20-30' SAND/clay 70-80' shale |
| | | 30-40' clay 80-90' clay |
| | | 40-50' sand/clay 90-100' clay |
| BIT RECORD | | |
| SIZE & MAKE | SERIAL NO. | FOOTAGE |
| | | 100-110' Standalone/Clay |
| | | 110-120' Sand Clay Mix |
| CIRCULATION MATERIAL | | |
| QUAN | UNIT | MATERIAL |
| | | 1 Day Rig 3500 ⁰⁰ |
| | | 1 Day Supp 775 ⁰⁰ |
| | | Water Level Meter 100 ⁰⁰ |
| | | Tax 311 ⁷² |
| | | Total 4586 ⁷² |

NO. OF LOADS OF WATER SOURCE

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 85341

CONDITIONS

| | |
|--|---|
| Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410 | OGRID: 372834 |
| | Action Number: 85341 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| nvelez | None | 3/8/2022 |