

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	NCS1912332788
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) NCS1912332788
Contact mailing address 7415 East Main Street Farmington, NM 87402	

Location of Release Source

Latitude ~~36.9749756~~ ^{NV} 36.976188 Longitude ~~-107.9710007~~ ^{NV} -107.972574
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Horton #002 Dehy Pit	Site Type Gas
Date Release Discovered N/A	API# (if applicable) 30-045-11371

Unit Letter	Section	Township	Range	County
A	22	32N	11W	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)

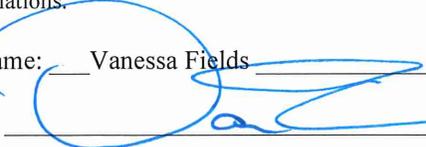
Cause of Release: One 5- point composite sample was collected during the removal of the BGT. Analytical results were above the regulatory standards. Further remediation required. Remediation was completed and all analytical are below regulatory standards.

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Vanessa Fields</u> Title: <u>Regulatory Compliance Manager</u> Signature:  Date: <u>12/01/2020</u> email: <u>vanessa@walsheng.net</u> Telephone: <u>505-787-9100</u>
<u>OCD Only</u> 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?	< 50' (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

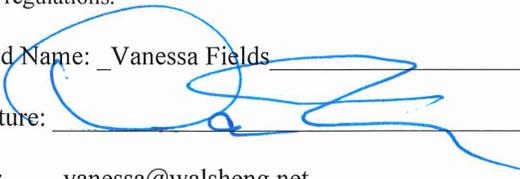
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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

Incident ID	NCS1912332788
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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: 1/7/2021

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

OCD Only

Received by: _____ Date: _____

Incident ID	NCS1912332788
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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: 1/7/2021

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: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Tuesday, November 10, 2020 4:53 PM
To: Adeloye, Abiodun A; Vanessa Fields
Cc: Vern Andrews; Jimmie McKinney
Subject: RE: [EXTERNAL] RE: Horton #002 BGT Confirmation Samples November 4 , 2020 at 9:00 am. cJK1800242511 BGT sample above regulatory Standards

Vanessa,

Thank you for the update, please submit the final C-141 through the E-permitting system.

Thanks.

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

From: Adeloye, Abiodun A <aadeloye@blm.gov>
Sent: Tuesday, November 10, 2020 11:58 AM
To: Vanessa Fields <vanessa@walsheng.net>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>
Subject: [EXT] Re: [EXTERNAL] RE: Horton #002 BGT Confirmation Samples November 4 , 2020 at 9:00 am. cJK1800242511 BGT sample above regulatory Standards

Back fill granted by the BLM.
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: Tuesday, November 10, 2020 11:50 AM
To: Adeloye, Abiodun A <aadeloye@blm.gov>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>
Subject: RE: [EXTERNAL] RE: Horton #002 BGT Confirmation Samples November 4 , 2020 at 9:00 am. cJK1800242511 BGT sample above regulatory Standards

Good morning,

Please find attached the final analytical results for the confirmation sampling of the Horton #002 Dehy Pit. Confirmation samples were non-detect. Epic Energy will proceed with backfilling.

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: Monday, November 2, 2020 9:37 AM
To: Adeloye, Abiodun A <aadeloye@blm.gov>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>
Subject: RE: [EXTERNAL] RE: Horton #002 BGT Confirmation Samples November 4 , 2020 at 9:00 am. cJK1800242511 BGT sample above regulatory Standards

Good morning,

Epic Energy is providing 48 hour notice of confirmation sampling on November 4 , 2020 at 9:00 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: Wednesday, October 28, 2020 3:10 PM
To: Adeloye, Abiodun A <aadeloye@blm.gov>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>
Subject: RE: [EXTERNAL] RE: Horton #002 BGT Confirmation Samples October 20, 2020 at 9:00 am. cJK1800242511 BGT sample above regulatory Standards

Thank you Emmanuel. I will await Cory's approval.

Thank you,

Vanessa Fields

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

From: Adeloye, Abiodun A <aadeloye@blm.gov>
Sent: Wednesday, October 28, 2020 3:01 PM
To: Vanessa Fields <vanessa@walsheng.net>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>
Subject: Re: [EXTERNAL] RE: Horton #002 BGT Confirmation Samples October 20, 2020 at 9:00 am. cJK1800242511 BGT sample above regulatory Standards

Hi Vanessa, BLM approves Epic Energy request as requested. Please make sure you get approval from other regulatory agencies.
 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: Wednesday, October 28, 2020 2:49 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Adeloye, Abiodun A <aadeloye@blm.gov>
Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>
Subject: [EXTERNAL] RE: Horton #002 BGT Confirmation Samples October 20, 2020 at 9:00 am. cJK1800242511 BGT sample above regulatory Standards

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

Good afternoon,

Well, my samples failed again and are a little over regulatory standards. Epic Energy will remediate further.

Epic Energy is requesting to run the next analytical samples for only DRO/ORO as the last two samples have been ND for all other constituents .

48 Hour notice will be provided to both agencies prior to sampling.

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, October 16, 2020 9:10 AM

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

Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>; Kelly, Jonathan, EMNRD <Jonathan.Kelly@state.nm.us>

Subject: RE: Horton #002 BGT Confirmation Samples October 20, 2020 at 9:00 am. cJK1800242511 BGT sample above regulatory Standards

Good morning,

Epic Energy will be collecting final confirmation samples For the Horton #002 Tuesday October 20, 2020 at 9:00 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: Tuesday, October 13, 2020 8:04 AM

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

Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>; Kelly, Jonathan, EMNRD <Jonathan.Kelly@state.nm.us>

Subject: RE: Horton #002 BGT prior Removal Friday October 2, 2020 at 8:30 am. cJK1800242511 BGT sample above regulatory Standards

Cory,

It will be dig and haul.

Vanessa Fields

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

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Tuesday, October 13, 2020 6:59 AM
To: Vanessa Fields <vanessa@walsheng.net>; Adeloje, Abiodun A <aadeloje@blm.gov>
Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>; Kelly, Jonathan, EMNRD <Jonathan.Kelly@state.nm.us>
Subject: RE: Horton #002 BGT prior Removal Friday October 2, 2020 at 8:30 am. cJK1800242511 BGT sample above regulatory Standards

Vanessa,

What is the remediation plan to further remediate?

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

From: Vanessa Fields <vanessa@walsheng.net>
Sent: Monday, October 12, 2020 7:33 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Adeloje, Abiodun A <aadeloje@blm.gov>
Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>; Kelly, Jonathan, EMNRD <Jonathan.Kelly@state.nm.us>
Subject: [EXT] RE: Horton #002 BGT prior Removal Friday October 2, 2020 at 8:30 am. cJK1800242511 BGT sample above regulatory Standards

Good evening everyone,

The analytical results that were collected on 10/9/2020 were above regulatory standards. Epic Energy will continue to remediate. Epic Energy will provide 48 hour notice prior to confirmation sampling.

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, September 29, 2020 9:21 AM
To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; Adeloje, Abiodun A <aadeloje@blm.gov>
Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>; 'Kelly, Jonathan, EMNRD'

<Jonathan.Kelly@state.nm.us>

Subject: RE: Horton #002 BGT prior Removal Friday October 2, 2020 at 8:30 am. cJK1800242511

Good morning,

Epic Energy will be auguring to 8' deep in the area of the second referenced BGT that was previously removed as identified in the compliance. It was our understanding that only one area of where the BGT was previously removed needed sampling. Per Google images we will sample where the 2nd BGT was removed in 2017.

Epic Energy will collect 1 (5) point composite at 8' BGS Friday October 2, 2020 at 8:30 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: Wednesday, September 23, 2020 8:00 AM
To: Kelly, Jonathan, EMNRD <Jonathan.Kelly@state.nm.us>
Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>
Subject: RE: Horton #002 BGT prior Removal Thursday September 3, 2020 at 9:30 am. cJK1800242511

Good morning Jonathan,

As discussed this morning after I conducted a file review it was observed that there were two previous BGTs on location in 2017. We will conduct a onsite and determine where the previous BGT was placed. I apologize for the oversight on this.

Thank you,

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

From: Kelly, Jonathan, EMNRD <Jonathan.Kelly@state.nm.us>
Sent: Wednesday, September 23, 2020 7:35 AM
To: Vanessa Fields <vanessa@walsheng.net>
Subject: RE: Horton #002 BGT prior Removal Thursday September 3, 2020 at 9:30 am. cJK1800242511

Thank you Vanessa, I have updated the compliance to reflect that 1 out of 2 C-144 closure reports have been received by the NMOCD and the other is in progress.

Jonathan D. Kelly
Compliance Officer
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505) 320-0701
jonathan.kelly@state.nm.us

From: Vanessa Fields <vanessa@walsheng.net>
Sent: Tuesday, September 22, 2020 1:45 PM

To: Kelly, Jonathan, EMNRD <Jonathan.Kelly@state.nm.us>
Subject: [EXT] RE: Horton #002 BGT prior Removal Thursday September 3, 2020 at 9:30 am. cJK1800242511

Good afternoon Jonathan,

The final C-144 was submitted to the NMOCD today.

Please see attached receipt.

Thank you,

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

From: Kelly, Jonathan, EMNRD <Jonathan.Kelly@state.nm.us>
Sent: Friday, September 18, 2020 7:15 AM
To: Vanessa Fields <vanessa@walsheng.net>
Subject: RE: Horton #002 BGT prior Removal Thursday September 3, 2020 at 9:30 am. cJK1800242511

Thank you Vanessa, just send me a copy of the submittal receipt once submitted through the fee portal to close this one out.

Jonathan D. Kelly
Compliance Officer
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505) 320-0701
jonathan.kelly@state.nm.us

From: Vanessa Fields <vanessa@walsheng.net>
Sent: Monday, September 14, 2020 10:04 AM
To: Kelly, Jonathan, EMNRD <Jonathan.Kelly@state.nm.us>
Subject: [EXT] FW: Horton #002 BGT prior Removal Thursday September 3, 2020 at 9:30 am. cJK1800242511

Good morning Jonathan,

I did a review and the Horton #002 BGT was removed prior to EPICs purchase from Hallador. We did get a back hoe and dig to 5-8' and collect (1) 5-point composite sample, Emmanuel with the BLM to witness.

I will submit a Final C-144. I almost have all legacy compliance issues cleared up for EPIC.

Please let me know if you have any questions.

Thank you,

Vanessa Fields

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

From: Vanessa Fields
Sent: Friday, September 11, 2020 1:48 PM
To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>; 'Adeloye, Abiodun A' <aadeloye@blm.gov>
Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>
Subject: RE: Horton #002 BGT prior Removal Thursday September 3, 2020 at 9:30 am. cJK1800242511

Good afternoon everyone,

The analytical results for the BGT sample on the Horton #002 were non-detect. Epic Energy request approval for backfill.

The final C-144 will be submitted to both agencies within 60 days.

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: Monday, August 31, 2020 2:30 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Adeloye, Abiodun A <aadeloye@blm.gov>
Cc: Vern Andrews <vern@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>
Subject: Horton #002 BGT prior Removal Thursday September 3, 2020 at 9:30 am. cJK1800242511

Good afternoon,

It was brought to EPIC Energy’s attention that the Horton #002 BGT was noted from a compliance (JK1800242511) issue as having a BGT that was closed without a final C-144 in the well file. A internal audit was performed and it was determined that the BGT was removed prior to the purchase of the well.

Epic Energy is providing 72 hour notice of sampling where the previous BGT was by collected. One 5- point composite sample will be collected where the previous BGT was removed. This will be accomplished by utilizing a backhoe to collect a composite sample at a depth of 8’ BGS and/or the first encounter with any hydrocarbons.

Sampling will occur Thursday September 3, 2020 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

Report to:
Vanessa Fields
7420 Main Street
Farmington, NM 87402



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: Horton # 002
Work Order: E010062
Job Number: 18012-0006
Received: 10/20/2020

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/26/20

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 NM009792018-1 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557-19-2 for data reported.

Date Reported: 10/26/20



Vanessa Fields
7420 Main Street
Farmington, NM 87402

Project Name: Horton # 002
Workorder: E010062
Date Received: 10/20/2020 10:38:00AM

Vanessa Fields,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/20/2020 10:38:00AM, under the Project Name: Horton # 002.

The analytical test results summarized in this report with the Project Name: Horton # 002 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 Lopez
Laboratory Administrator
Office: 505-632-1881
rlopez@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 7420 Main Street Farmington NM, 87402	Project Name: Horton # 002 Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 10/26/20 13:26
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Horton #002	E010062-01A	Soil	10/20/20	10/20/20	Glass Jar, 4 oz.



Sample Data

Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Horton # 002 Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 10/26/2020 1:26:17PM
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Horton #002
E010062-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatil Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2043002
Benzene	ND	0.0250	1	10/20/20	10/21/20	
Toluene	ND	0.0250	1	10/20/20	10/21/20	
Ethylbenzene	ND	0.0250	1	10/20/20	10/21/20	
p,m-Xylene	ND	0.0500	1	10/20/20	10/21/20	
o-Xylene	ND	0.0250	1	10/20/20	10/21/20	
Total Xylenes	ND	0.0250	1	10/20/20	10/21/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	10/20/20	10/21/20	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2043002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/20	10/21/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.2 %	70-130	10/20/20	10/21/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2043036
Diesel Range Organics (C10-C28)	39.4	25.0	1	10/23/20	10/23/20	
Oil Range Organics (C28-C35)	75.1	50.0	1	10/23/20	10/23/20	
<i>Surrogate: n-Nonane</i>		93.2 %	50-200	10/23/20	10/23/20	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: NE		Batch: 2043010
Chloride	ND	20.0	1	10/21/20	10/21/20	

QC Summary Data

Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Horton # 002 Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 10/26/2020 1:26:17PM
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Volatile Organics by EPA 8021B

Analyst: RS

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 (2043002-BLK1)

Prepared: 10/19/20 Analyzed: 10/19/20

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							
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	7.99		8.00		99.9	70-130			

LCS (2043002-BS1)

Prepared: 10/19/20 Analyzed: 10/19/20

Benzene	5.36	0.0250	5.00		107	70-130			
Toluene	5.33	0.0250	5.00		107	70-130			
Ethylbenzene	5.28	0.0250	5.00		106	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
o-Xylene	5.34	0.0250	5.00		107	70-130			
Total Xylenes	16.0	0.0250	15.0		107	70-130			
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.58		8.00		107	70-130			

Matrix Spike (2043002-MS1)

Source: E010057-01 Prepared: 10/19/20 Analyzed: 10/19/20

Benzene	5.46	0.0250	5.00	ND	109	54-133			
Toluene	5.46	0.0250	5.00	ND	109	61-130			
Ethylbenzene	5.40	0.0250	5.00	ND	108	61-133			
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131			
o-Xylene	5.45	0.0250	5.00	ND	109	63-131			
Total Xylenes	16.4	0.0250	15.0	ND	109	63-131			
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.48		8.00		106	70-130			

Matrix Spike Dup (2043002-MSD1)

Source: E010057-01 Prepared: 10/19/20 Analyzed: 10/19/20

Benzene	5.32	0.0250	5.00	ND	106	54-133	2.51	20	
Toluene	5.26	0.0250	5.00	ND	105	61-130	3.66	20	
Ethylbenzene	5.20	0.0250	5.00	ND	104	61-133	3.62	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	3.60	20	
o-Xylene	5.27	0.0250	5.00	ND	105	63-131	3.46	20	
Total Xylenes	15.8	0.0250	15.0	ND	105	63-131	3.56	20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.35		8.00		104	70-130			

QC Summary Data

Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Horton # 002 Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 10/26/2020 1:26:17PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RS

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 (2043002-BLK1)

Prepared: 10/19/20 Analyzed: 10/19/20

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.8	70-130			

LCS (2043002-BS2)

Prepared: 10/19/20 Analyzed: 10/19/20

Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.4	70-130			

Matrix Spike (2043002-MS2)

Source: E010057-01 Prepared: 10/19/20 Analyzed: 10/19/20

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	87.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.3	70-130			

Matrix Spike Dup (2043002-MSD2)

Source: E010057-01 Prepared: 10/19/20 Analyzed: 10/19/20

Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	ND	89.5	70-130	1.77	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.6	70-130			



QC Summary Data

Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Horton # 002 Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 10/26/2020 1:26:17PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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 (2043036-BLK1)

Prepared: 10/23/20 Analyzed: 10/23/20

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C35)	ND	50.0							
Surrogate: n-Nonane	50.1		50.0		100	50-200			

LCS (2043036-BS1)

Prepared: 10/23/20 Analyzed: 10/23/20

Diesel Range Organics (C10-C28)	462	25.0	500		92.4	38-132			
Surrogate: n-Nonane	49.0		50.0		98.1	50-200			

Matrix Spike (2043036-MS1)

Source: E010062-01 Prepared: 10/23/20 Analyzed: 10/23/20

Diesel Range Organics (C10-C28)	528	25.0	500	39.4	97.6	38-132			
Surrogate: n-Nonane	48.6		50.0		97.2	50-200			

Matrix Spike Dup (2043036-MSD1)

Source: E010062-01 Prepared: 10/23/20 Analyzed: 10/23/20

Diesel Range Organics (C10-C28)	514	25.0	500	39.4	94.8	38-132	2.68	20	
Surrogate: n-Nonane	50.0		50.0		100	50-200			



QC Summary Data

Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Horton # 002 Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 10/26/2020 1:26:17PM
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Anions by EPA 300.0/9056A

Analyst: NE

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 (2043010-BLK1)

Prepared: 10/21/20 Analyzed: 10/21/20

Chloride	ND	20.0							
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LCS (2043010-BS1)

Prepared: 10/21/20 Analyzed: 10/21/20

Chloride	248	20.0	250		99.1	90-110			
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Matrix Spike (2043010-MS1)

Source: E010059-01 Prepared: 10/21/20 Analyzed: 10/21/20

Chloride	658	20.0	250	197	184	80-120			M2
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Matrix Spike Dup (2043010-MSD1)

Source: E010059-01 Prepared: 10/21/20 Analyzed: 10/22/20

Chloride	466	20.0	250	197	108	80-120	34.1	20	R1
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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 7420 Main Street Farmington NM, 87402	Project Name: Horton # 002 Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 10/26/20 13:26
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M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

R1 Precision calculated as %RPD exceeded the acceptance limit.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

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: 10/20/2020 12:42:23PM

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: 10/20/20 10:38	Work Order ID: E010062
Phone: (505) 327-4892	Date Logged In: 10/20/20 11:44	Logged In By: Alexa Michaels
Email: vanessa@walsheng.net	Due Date: 10/27/20 17:00 (5 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? No
- 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: Jimmie Mckinney

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? No

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±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? No
- 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? Yes

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

Comments/Resolution

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

Date



envirotech Inc.

Report to:
Vanessa Fields
7420 Main Street
Farmington, NM 87402



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: Horton #002 Dey Pit
Work Order: E011012
Job Number: 18012-0006
Received: 11/4/2020

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/10/20

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 NM009792018-1 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557-19-2 for data reported.

Date Reported: 11/10/20



Vanessa Fields
7420 Main Street
Farmington, NM 87402

Project Name: Horton #002 Dey Pit
Workorder: E011012
Date Received: 11/4/2020 10:25:00AM

Vanessa Fields,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2020 10:25:00AM, under the Project Name: Horton #002 Dey Pit.

The analytical test results summarized in this report with the Project Name: Horton #002 Dey Pit 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
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Office: 505-632-1881
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Epic Energy	Project Name:	Horton #002 Dey Pit	Reported:
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Vanessa Fields	11/10/20 10:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Dehy Pit Horton #002	E011012-01A	Soil	11/04/20	11/04/20	Glass Jar, 4 oz.

Sample Data

Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Horton #002 Dey Pit Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 11/10/2020 10:02:17AM
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Dehy Pit Horton #002

E011012-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2045036
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/20	11/05/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130	11/04/20	11/05/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2045035
Diesel Range Organics (C10-C28)	ND	25.0	1	11/05/20	11/06/20	
Oil Range Organics (C28-C35)	ND	50.0	1	11/05/20	11/06/20	
Surrogate: n-Nonane		105 %	50-200	11/05/20	11/06/20	

QC Summary Data

Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Horton #002 Dey Pit Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 11/10/2020 10:02:17AM
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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
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Blank (2045036-BLK1)

Prepared: 11/04/20 Analyzed: 11/05/20

Gasoline Range Organics (C6-C10)	ND	20.0							
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Surrogate: 1-Chloro-4-fluorobenzene-FID	6.82		8.00		85.3	70-130			
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LCS (2045036-BS2)

Prepared: 11/04/20 Analyzed: 11/05/20

Gasoline Range Organics (C6-C10)	41.0	20.0	50.0		82.0	70-130			
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Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			
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Matrix Spike (2045036-MS2)

Source: E011014-01 Prepared: 11/04/20 Analyzed: 11/06/20

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	ND	86.3	70-130			
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Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.8	70-130			
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Matrix Spike Dup (2045036-MSD2)

Source: E011014-01 Prepared: 11/04/20 Analyzed: 11/06/20

Gasoline Range Organics (C6-C10)	40.4	20.0	50.0	ND	80.8	70-130	6.59	20	
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Surrogate: 1-Chloro-4-fluorobenzene-FID	6.91		8.00		86.4	70-130			
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QC Summary Data

Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Horton #002 Dey Pit Project Number: 18012-0006 Project Manager: Vanessa Fields	Reported: 11/10/2020 10:02:17AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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 (2045035-BLK1)

Prepared: 11/05/20 Analyzed: 11/05/20

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C35)	ND	50.0							
Surrogate: n-Nonane	53.3		50.0		107	50-200			

LCS (2045035-BS1)

Prepared: 11/05/20 Analyzed: 11/05/20

Diesel Range Organics (C10-C28)	488	25.0	500		97.7	38-132			
Surrogate: n-Nonane	54.8		50.0		110	50-200			

Matrix Spike (2045035-MS1)

Source: E011008-01 Prepared: 11/05/20 Analyzed: 11/06/20

Diesel Range Organics (C10-C28)	459	25.0	500	ND	91.8	38-132			
Surrogate: n-Nonane	37.0		50.0		73.9	50-200			

Matrix Spike Dup (2045035-MSD1)

Source: E011008-01 Prepared: 11/05/20 Analyzed: 11/06/20

Diesel Range Organics (C10-C28)	472	25.0	500	ND	94.3	38-132	2.75	20	
Surrogate: n-Nonane	38.8		50.0		77.5	50-200			

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:	Horton #002 Dey Pit	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	11/10/20 10:02

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

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

Client: <u>EPIC Energy</u>				Bill To				Lab Use Only				TAT				EPA Program						
Project: <u>Horton #002 P.T.</u>				Attention: <u>EPIC Energy</u>				Lab WO# <u>E011012</u>		Job Number <u>18012-0000</u>		1D	2D	3D	Standard	CWA	SDWA					
Project Manager: <u>Jessica Fields</u>				Address: <u>7515 E Main St</u>				E011012		18012-0000					X							
Address: <u>7515 E Main St</u>				City, State, Zip: <u>Farmington, VT 05402</u>				Analysis and Method										RCRA				
City, State, Zip: <u>Farmington, VT 05402</u>				Phone: <u>505 787-9100</u>																		
Email: <u>Jessica.Fields@epicenergy.com</u>				Email: <u>Jessica.Fields@epicenergy.com</u>																		
Report due by:																						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						State					
																	NM	CO	UT	AZ	TX	
9:15	11/4/20	S	1	Obly P.T Horton #002	1	X																
Additional Instructions:																						
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only														
<u>[Signature]</u>		11/4/20	10:23	<u>[Signature]</u>		11/4/20	10:25	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4.0</u>														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																						

Page 9 of 10



Envirotech Analytical Laboratory

Printed: 11/4/2020 10:56:12AM

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: 11/04/20 10:25	Work Order ID: E011012
Phone: (505) 327-4892	Date Logged In: 11/04/20 10:32	Logged In By: Alexa Michaels
Email: vanessa@walsheng.net	Due Date: 11/11/20 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.

Comments/Resolution

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? No

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°±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



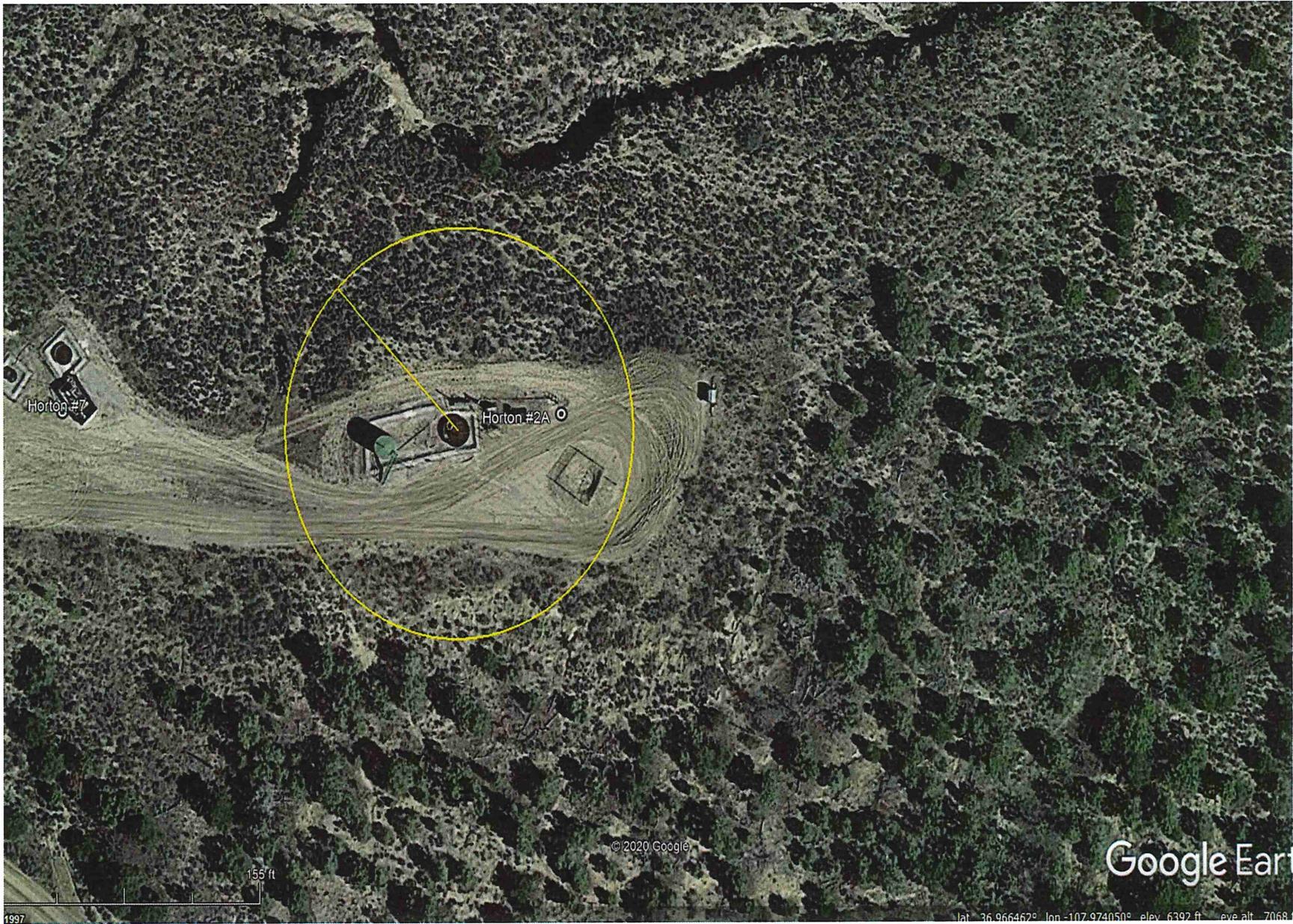
envirotech Inc.

Horton # 002 Dehy Pit Remediation Summary

Epic Energy was notified by the NMOCD of a historic below grade tank (BGT) that was not closed from the previous operator prior to the purchase of the property. Epic Energy utilized Google Earth Imagery to determine where the previous BGT was located and removed soil at 5' Bgs and collected (1) 5-point composite sample. A BLM representative was onsite to witness the sampling event on October 20, 2020. Confirmation samples were above regulatory standards and Epic Energy removed roughly 4 more yds of impacted soil was removed and extending the sample area to 8' Bgs. On November 4, 2020 Epic Energy resampled the area and collected (1) 5-point composite sample. Sample criteria was determined by a Facetime call onsite with NMOCD Environmental Staff prior to sampling. Epic Energy received NMOCD and BLM approval to only sample for 8015 as all other constituents were Non-Detect in the initial sampling event. All analytical results from the November 4, 2020 sampling were non-detect. Epic Energy received confirmation from the BLM office for backfill. (Photos attached for refference).

Date Sampled	Sample Area 5-point composite	8021 BTEX	Benzene	8015 DRO	8015 GRO	8015 ORO	Chloride
10/26/2020	1 5point composite	Non-Detect	Non-Detect	39.4 mg/kg	Non-Detect	75.1 mg/kg	Non-Detect
11/04/2020	1 5point composite	Not Tested	Not Tested	Non-Detect	Non-Detect	Non-Detect	Not Tested

Horton # 002 Sitting Criteria
API# 30-045-23392



Horton #002 Dehy Pit

392sq ft sampling area 1() 5-point composite sample



**New Mexico Office of the State Engineer
 POD Reports and Downloads**

Township: 32N Range: 11W Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic All

WATER COLUMN REPORT 08/20/2008

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

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y	Depth Well	Depth Water	Water (in feet) Column
SJ 01360	32N	11W	19	2	2					180	155	25
SJ 01327	32N	11W	23	2	2	3				90	50	40
SJ 00021	32N	11W	23	3						585		
SJ 00017	32N	11W	24	2						105		
SJ 00020	32N	11W	29	3						588		
SJ 00026	32N	11W	33	2						321		

Record Count: 6



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): 22 **Township:** 32N **Range:** 11W

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.

1/6/21 11:27 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): 21

Township: 32N

Range: 11W

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.

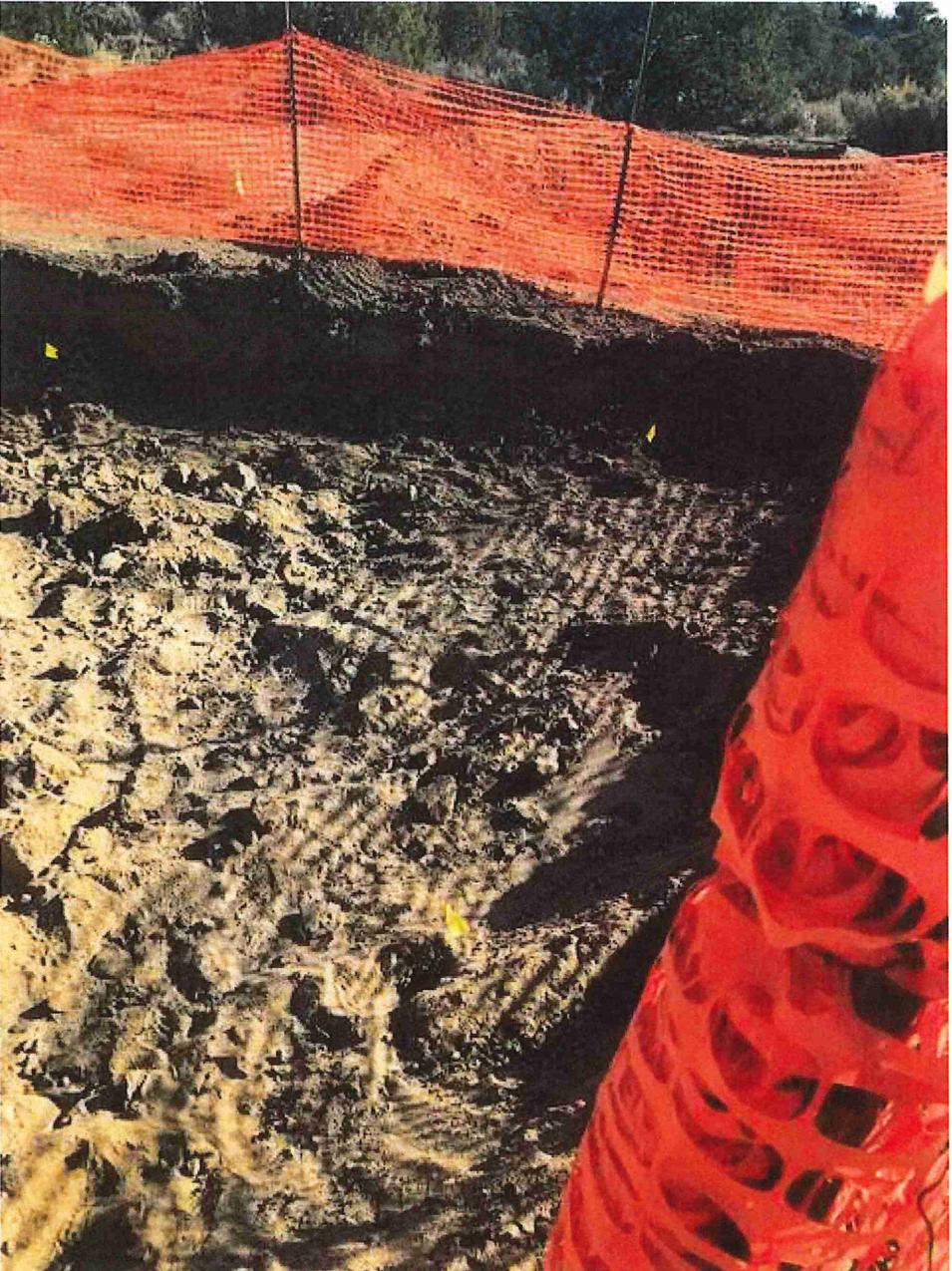
1/6/21 11:27 AM

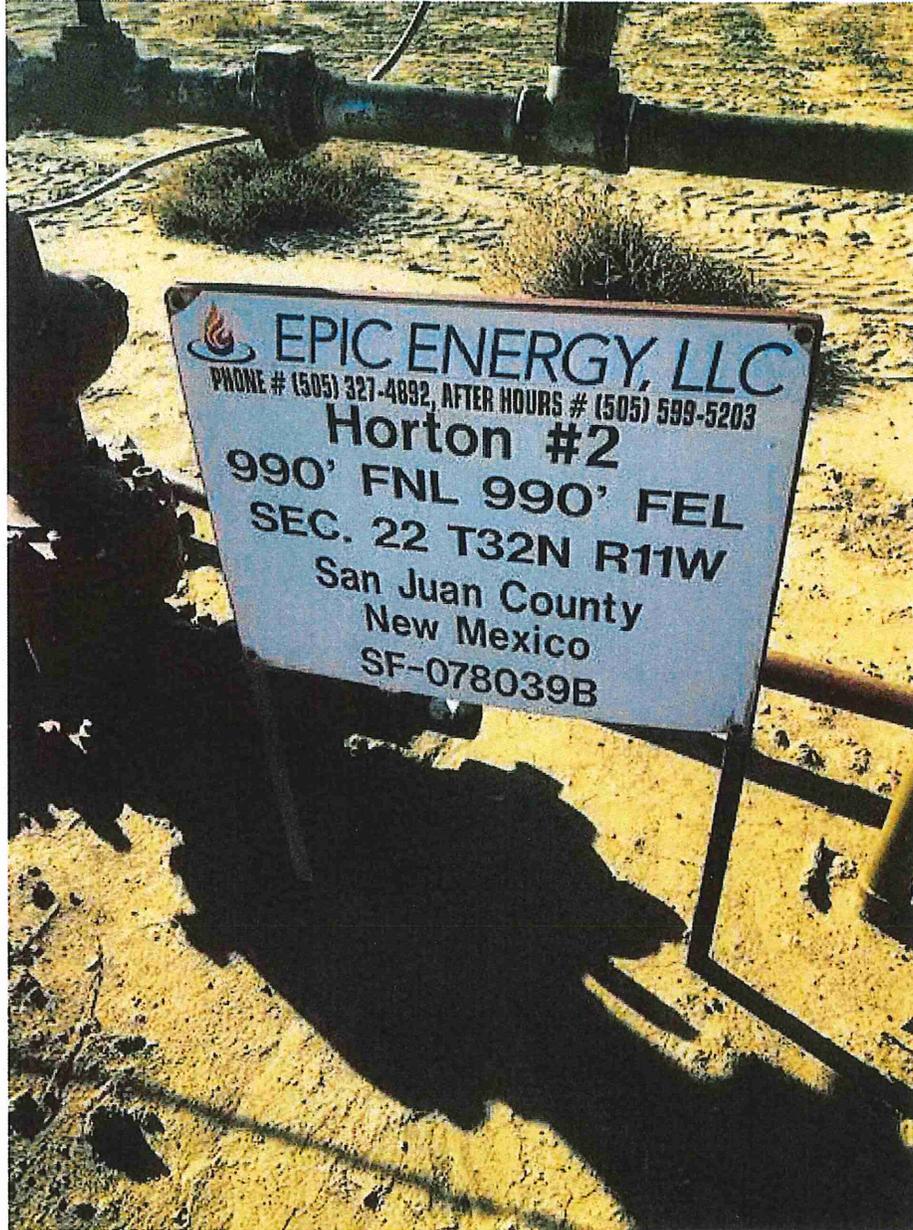
WATER COLUMN/ AVERAGE
DEPTH TO WATER













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 14203

CONDITIONS

Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410	OGRID: 372834
	Action Number: 14203
	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 must be reclaimed 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