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	*NCS1932334740*
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) NCS1932334740*
Contact mailing address 7415 East Main Street Farmington, NM 87402	

Location of Release Source

Latitude 36.9889259 Longitude -108.0531387
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Horton #003A	Site Type Gas
Date Release Discovered 9/19/2019	API# *(if applicable) 30-045-23394*

Unit Letter	Section	Township	Range	County
E	13	32N	12W	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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) unknow from BGT removal	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release: Analytical results where above regulatory standards from the removal of the BGT.		

Received by OCD: 7/21/2020 3:35:05 PM

Released to Imaging: 2/4/2021 8:55:25 AM

State of New Mexico
Oil Conservation Division

Incident ID	NCS1932334740
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<50' (ft Bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☒ Yes ☐ 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)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ 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?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ 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 N/A
- ☐ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs N/A
- ☐ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation an. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan id methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of).15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters

Page 2 of 28
Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

State of New Mexico
Oil Conservation Division

Incident ID	NCS1932334740
District RP	
Facility ID	
Application ID	

Closure

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

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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

Printed Name: Vanessa Fields Title: Regulatory Compliance Manager

Signature: Date: 6/19/2020

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

OCD Only

Received by: OCD Date: 7/21/2020

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and mediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible rty of compliance with any other federal, state, or local laws and/or regulations.

losure Approved by: Date: 2/4/2021

rinted Name: Cory Title: Environmental Specialist

Page 3 of 28
Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

Page 4 of 28

Vanessa Fields

From: Vanessa Fields
Sent: Monday, December 2, 2019 1:06 PM
To: Smith, Cory, EMNRD; 'Adeloye, Abiodun'
Cc: Michael Dean; Jimmie McKinney
Subject: RE: 48 hour notice Final Sampling Horton #003A

Good afternoon,

The sampling is Wednesday December 4, 2019 not December 5, 2019.

Sorry about the wrong date on the previous date error.

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, December 2, 2019 9:50 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; 'Adeloye, Abiodun' <aadeloye@blm.gov>
Cc: Michael Dean <michael.dean@walsheng.net>; Jimmie McKinney <jimmie@walsheng.net>
Subject: 48 hour notice Final Sampling Horton #003A

Good morning,

Epic Energy is providing 48 notice for final confirmation sampling for the Horton #003A at 9:00 am on Wednesday December 5, 2019 at 9:00am.

Received by OCD: 7/21/2020 3:35:05 PM

Released to Imaging: 2/4/2021 8:55:25 AM

Page 5 of 28

Vanessa Fields

From: Vanessa Fields
Sent: Monday, December 2, 2019 9:50 AM
To: Smith, Cory, EMNRD; 'Adeloye, Abiodun'
Cc: Michael Dean; Jimmie McKinney
Subject: 48 hour notice Final Sampling Horton #003A

Good morning,

Epic Energy is providing 48 notice for final confirmation sampling for the Horton #003A at 9:00 am on Wednesday December 5, 2019 at 9:00am.

NCS1932334740 HORTON #003A @ 30-045-23394

General Incident Information

Site Name:	HORTON #003A		
Well:	[30-045-23394] HORTON #003A		
Facility:			
Operator:	[372834] EPIC ENERGY, L.L.C.		
Status:	Closure Not Approved	**Severity:**	
Type:	Other	**Surface Owner:**	Fede
District:	Aztec	**County:**	San
Incident Location:	E-13-32N-12W Lot: 0 FNL 0 FEL		
Lat/Long:	36.9889259,-108.0531387 NAD83		
Directions:			

Please let me know if you have any questions.

Thank you,

Received by OCD: 7/21/2020 3:35:05 PM

Released to Imaging: 2/4/2021 8:55:25 AM

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Epic Energy

Samples Received: 12/5/2019
Job Number: 18012-0006
Work Order: P912011
Project Name/Location: Horton 3A

Report Reviewed By: Walter Hinchman Date: 12/12/19

Walter Hinchman, Laboratory Director

Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.
Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

5796 Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
24 Hour Emergency Response Phone (800) 362-1879
envirotech-inc.com
Labadmin@envirotech-inc.com

Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

envirotech
Analytical Laboratory

Epic Energy	Project Name:	Horton 3A	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	12/12/19 14:17

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
East	P912011-01A	Soil	12/04/19	12/05/19	Glass Jar, 4 oz.
West	P912011-02A	Soil	12/04/19	12/05/19	Glass Jar, 4 oz.
Bottom East	P912011-03A	Soil	12/04/19	12/05/19	Glass Jar, 4 oz.
Bottom West	P912011-04A	Soil	12/04/19	12/05/19	Glass Jar, 4 oz.

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

Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

envirotech
Analytical Laboratory

Epic Energy	Project Name:	Horton 3A	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	12/12/19 14:17

East
P912011-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*50-150*		*1949032*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1950012	12/11/19	12/12/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1950012	12/11/19	12/12/19	EPA 8015D	
Surrogate: n-Nonane		*93.4 %*	*50-200*		*1950012*	*12/11/19*	*12/12/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.6 %*	*50-150*		*1949032*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1949034	12/06/19	12/06/19	EPA 300.0/9056A	

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

Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

envirotech
Analytical Laboratory

Epic Energy	Project Name:	Horton 3A	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	12/12/19 14:17

West

P912011-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*50-150*		*1949032*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1950012	12/11/19	12/12/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1950012	12/11/19	12/12/19	EPA 8015D	
Surrogate: n-Nonane		*91.2 %*	*50-200*		*1950012*	*12/11/19*	*12/12/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*50-150*		*1949032*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1949034	12/06/19	12/06/19	EPA 300.0/9056A	

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

Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

envirotech
Analytical Laboratory

Epic Energy	Project Name:	Horton 3A	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	12/12/19 14:17

Bottom East

P912011-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*		*50-150*	*1949032*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1950012	12/11/19	12/12/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1950012	12/11/19	12/12/19	EPA 8015D	
Surrogate: n-Nonane		*92.6 %*		*50-200*	*1950012*	*12/11/19*	*12/12/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*		*50-150*	*1949032*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1949034	12/06/19	12/06/19	EPA 300.0/9056A	

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

Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

envirotech
Analytical Laboratory

Epic Energy	Project Name:	Horton 3A	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	12/12/19 14:17

Bottom West
P912011-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*		*50-150*	*1949032*	*12/06/19*	*12/06/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1950012	12/11/19	12/12/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1950012	12/11/19	12/12/19	EPA 8015D	
Surrogate: n-Nonane		*93.2 %*		*50-200*	*1950012*	*12/11/19*	*12/12/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949032	12/06/19	12/06/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.9 %*		*50-150*	*1949032*	*12/06/19*	*12/06/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1949034	12/06/19	12/06/19	EPA 300.0/9056A	

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

Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

Page 12 of 28

envirotech
Analytical Laboratory

Epic Energy	Project Name:	Horton 3A	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	12/12/19 14:17

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1949032 - Purge and Trap EPA 5030A										
Blank (1949032-BLK1)				Prepared: 12/06/19 0 Analyzed: 12/06/19 1						
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	*7.85*		"	*8.00*		*98.1*	*50-150*			
LCS (1949032-BS1)				Prepared: 12/06/19 0 Analyzed: 12/06/19 1						
Benzene	5.03	0.0250	mg/kg	5.00		101	70-130			
Toluene	5.12	0.0250	"	5.00		102	70-130			
Ethylbenzene	5.04	0.0250	"	5.00		101	70-130			
p,m-Xylene	10.0	0.0500	"	10.0		100	70-130			
o-Xylene	5.01	0.0250	"	5.00		100	70-130			
Total Xylenes	15.0	0.0250	"	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.99*		"	*8.00*		*99.9*	*50-150*			
Matrix Spike (1949032-MS1)	**Source: P912010-01**			Prepared: 12/06/19 0 Analyzed: 12/06/19 1						
Benzene	5.12	0.0250	mg/kg	5.00	ND	102	54.3-133			
Toluene	5.19	0.0250	"	5.00	ND	104	61.4-130			
Ethylbenzene	5.14	0.0250	"	5.00	ND	103	61.4-133			
p,m-Xylene	10.2	0.0500	"	10.0	ND	102	63.3-131			
o-Xylene	5.09	0.0250	"	5.00	ND	102	63.3-131			
Total Xylenes	15.3	0.0250	"	15.0	ND	102	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.10*		"	*8.00*		*101*	*50-150*			
Matrix Spike Dup (1949032-MSD1)	**Source: P912010-01**			Prepared: 12/06/19 0 Analyzed: 12/06/19 2						
Benzene	4.94	0.0250	mg/kg	5.00	ND	98.7	54.3-133	3.71	20	
Toluene	5.06	0.0250	"	5.00	ND	101	61.4-130	2.71	20	
Ethylbenzene	4.94	0.0250	"	5.00	ND	98.9	61.4-133	3.85	20	
p,m-Xylene	9.81	0.0500	"	10.0	ND	98.1	63.3-131	4.06	20	
o-Xylene	4.89	0.0250	"	5.00	ND	97.8	63.3-131	4.02	20	
Total Xylenes	14.7	0.0250	"	15.0	ND	98.0	63.3-131	4.05	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.07*		"	*8.00*		*101*	*50-150*			

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

Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

Page 13 of 28

envirotech
Analytical Laboratory

Epic Energy	Project Name:	Horton 3A	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	12/12/19 14:17

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1950012 - DRO Extraction EPA 3570										
Blank (1950012-BLK1)				Prepared: 12/11/19 1 Analyzed: 12/12/19 0						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*48.4*		"	*50.0*		*96.8*	*50-200*			
LCS (1950012-BS1)				Prepared: 12/11/19 1 Analyzed: 12/12/19 0						
Diesel Range Organics (C10-C28)	471	25.0	mg/kg	500		94.1	38-132			
Surrogate: n-Nonane	*47.4*		"	*50.0*		*94.8*	*50-200*			
Matrix Spike (1950012-MS1)	**Source: P912010-01**			Prepared: 12/11/19 1 Analyzed: 12/12/19 0						
Diesel Range Organics (C10-C28)	522	25.0	mg/kg	500	ND	104	38-132			
Surrogate: n-Nonane	*48.5*		"	*50.0*		*96.9*	*50-200*			
Matrix Spike Dup (1950012-MSD1)	**Source: P912010-01**			Prepared: 12/11/19 1 Analyzed: 12/12/19 0						
Diesel Range Organics (C10-C28)	542	25.0	mg/kg	500	ND	108	38-132	3.80	20	
Surrogate: n-Nonane	*48.8*		"	*50.0*		*97.6*	*50-200*			

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

Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

envirotech
Analytical Laboratory

Epic Energy	Project Name:	Horton 3A	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	12/12/19 14:17

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1949032 - Purge and Trap EPA 5030A										
Blank (1949032-BLK1)				Prepared: 12/06/19 0 Analyzed: 12/06/19 1						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.11*		"	*8.00*		*88.9*	*50-150*			
LCS (1949032-BS2)				Prepared: 12/06/19 0 Analyzed: 12/06/19 2						
Gasoline Range Organics (C6-C10)	47.6	20.0	mg/kg	50.0		95.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		"	*8.00*		*89.9*	*50-150*			
Matrix Spike (1949032-MS2)		**Source: P912010-01**		Prepared: 12/06/19 0 Analyzed: 12/06/19 2						
Gasoline Range Organics (C6-C10)	46.3	20.0	mg/kg	50.0	ND	92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.24*		"	*8.00*		*90.5*	*50-150*			
Matrix Spike Dup (1949032-MSD2)		**Source: P912010-01**		Prepared: 12/06/19 0 Analyzed: 12/06/19 2						
Gasoline Range Organics (C6-C10)	46.1	20.0	mg/kg	50.0	ND	92.2	70-130	0.538	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.10*		"	*8.00*		*88.7*	*50-150*			

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

Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

envirotech
Analytical Laboratory

Epic Energy	Project Name:	Horton 3A	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	12/12/19 14:17

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1949034 - Anion Extraction EPA 300.0/9056A										
Blank (1949034-BLK1)				Prepared & Analyzed: 12/06/19 1						
Chloride	ND	20.0	mg/kg							
LCS (1949034-BS1)				Prepared & Analyzed: 12/06/19 1						
Chloride	252	20.0	mg/kg	250		101	90-110			
Matrix Spike (1949034-MS1)	**Source: P912010-01**			Prepared & Analyzed: 12/06/19 1						
Chloride	252	20.0	mg/kg	250	ND	101	80-120			
Matrix Spike Dup (1949034-MSD1)	**Source: P912010-01**			Prepared & Analyzed: 12/06/19 1						
Chloride	260	20.0	mg/kg	250	ND	104	80-120	3.09	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 my differ slightly.

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

Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

envirotech
Analytical Laboratory

Epic Energy	Project Name:	Horton 3A	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	12/12/19 14:17

Notes and Definitions

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

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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

Received by OCD: 7/21/2020 3:35:05 PM
Released to Imaging: 2/4/2021 8:55:25 AM

Project Information

Chain of Custody

Page 1 of 1

Client:	EDIC ENERGY LLC
Project:	HORTON 3A
Project Manager:	MICHAEL L DEAN
Address:	7415 E MAIN STREET
City, State, Zip	FARMINGTON N.M. 87402
Phone:	505-320-0481
Email:	MICHAEL.DEAN@WALSHENG.NET

Report Attention	12-13-19
Report due by:	~~12-13-19~~
Attention:	VANESSA FIELDS
Address:	7415 E MAIN
City, State, Zip	FARMINGTON N.M. 87402
Phone:	505-787-9100
Email:	VANESSA@WALSHENG.NET

Lab Use Only		TAT		EPA Program		
Lab WO#	Job Number	1D	3D	RCRA	CWA	SDWA
P912011	18012-0006					

State			
NM	CO	UT	AZ
X			

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1	Remarks
9:00AM	12-4-19	S	6	EAST	1	X	X	X			X		
9:05AM	12-4-19	S	6	WEST	2								
9:10AM	12-4-19	S	6	BOTTOM EAST	3								
9:15AM	12-4-19	S	6	BOTTOM WEST	4								

Additional Instructions:

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

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
Michael Dean	12:5:19	10:30 AM	Raina Lopez	12/5/19	10:30
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboraotry is limited to the amount paid for on the report.

envirotech Analytical Laboratory

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301 | Ph (970) 259-0615 Fx (800) 362-1879

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

Released to Imaging: 7/7/2021 8:55:25 AM

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): 12 **Township:** 32N **Range:** 12W

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.

6/22/20 2:45 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Received by OCD: 7/21/2020 3:35:05 PM

Released to Imaging: 2/4/2021 8:55:25 AM

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): 13 **Township:** 32N **Range:** 12W

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.

6/22/20 2:44 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Received by OCD: 7/21/2020 3:35:05 PM

Page 20 of 28

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-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
SJ 00560	SJAR	SJ		4	2	13	31N	11W	238453	4087847*	39	25	14
SJ 00946	SJAR	SJ		3	3	13	31N	11W	237235	4087090*	135	100	35
SJ 01142	SJAR	SJ	4	4	4	13	31N	11W	238533	4086943*	30	8	22
SJ 01173	SJAR	SJ	4	4	4	13	31N	11W	238533	4086943*	46	28	18
SJ 01537	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	52	28	24
SJ 01538	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	52	30	22
SJ 01539	SJAR	SJ			3	13	31N	11W	237436	4087291*	52	30	22
SJ 01540	SJAR	SJ			4	13	31N	11W	238235	4087260*	52	30	22
SJ 01541	SJAR	SJ			3	13	31N	11W	237436	4087291*	52	30	22
SJ 01542	SJAR	SJ		4	4	13	31N	11W	238434	4087044*			
SJ 01551	SJAR	SJ		4	2	13	31N	11W	238453	4087847*	64	42	22
SJ 01609	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	40	18	22
SJ 01640	SJAR	SJ		4	2	13	31N	11W	238453	4087847*	32	7	25
SJ 01644	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	23	6	17
SJ 01645	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	22	6	16
SJ 01663	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	45	25	20
SJ 01683	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	45	25	20
SJ 01699	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	42	12	30
SJ 01729	SJAR	SJ		4	2	13	31N	11W	238453	4087847*	48	28	20
SJ 01730	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	40	24	16
SJ 01731	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	43	25	18
SJ 01767	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	42	18	24
SJ 01801	SJAR	SJ			4	13	31N	11W	238235	4087260*	22	15	7
SJ 01879	SJAR	SJ			4	13	31N	11W	238235	4087260*	26	8	18
SJ 02093	SJAR	SJ		4	4	13	31N	11W	238528	4086862	40	20	20
SJ 02149	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	35		

UTM location was derived from PLSS - see Help

Received by OCD: 7/21/2020 3:35:05 PM

Released to Imaging: 2/4/2021 8:55:25 AM

Page 21 of 28

(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-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
SJ 02289	SJAR	SJ	4	4	4	13	31N	11W	238533	4086943*	45	16	29
SJ 02395	SJAR	SJ	3	1	1	13	31N	11W	237155	4088191*	95	35	60
SJ 02495	SJAR	SJ	1	2	4	13	31N	11W	238342	4087544*	28	12	16
SJ 02801	SJAR	SJ	3	4	4	13	31N	11W	238333	4086943*	36	5	31
SJ 02838	SJAR	SJ	4	4	4	13	31N	11W	238533	4086943*	38	10	28
SJ 02855	SJAR	SJ	4	4	4	13	31N	11W	238533	4086943*	31		
SJ 03018	SJAR	SJ	4	3	4	13	31N	11W	238133	4086958*	20	8	12
SJ 03064	SJAR	SJ	3	4	4	13	31N	11W	238333	4086943*	45		
SJ 03084	SJAR	SJ	2	4	4	13	31N	11W	238533	4087143*	19	11	8
SJ 03085	SJAR	SJ	2	4	4	13	31N	11W	238533	4087143*	18	8	10
SJ 03124	SJAR	SJ	4	2	4	13	31N	11W	238542	4087344*	20	5	15
SJ 03125	SJAR	SJ	4	2	4	13	31N	11W	238542	4087344*	20	5	15
SJ 03264	SJAR	SJ	2	2	4	13	31N	11W	238542	4087544*	20	11	9
SJ 03412	SJAR	SJ		2	4	13	31N	11W	238443	4087445*	60		
SJ 03413	SJAR	SJ		2	4	13	31N	11W	238443	4087445*	60		
SJ 03440	SJAR	SJ	1	4	4	13	31N	11W	238333	4087143*	20	6	14
SJ 03620	SJAR	SJ	2	4	4	13	31N	11W	238533	4087142	20		
SJ 03623	SJAR	SJ	1	2	4	13	31N	11W	238342	4087544*	30	16	14
SJ 03670	SJAR	SJ	4	3	4	13	31N	11W			26	10	16
SJ 03712 POD1	SJAR	SJ	1	3	4	13	31N	11W	237933	4087158*	19	11	8
SJ 03736 POD1	SJAR	SJ	1	2	4	13	31N	11W	238342	4087544*	19	6	13
SJ 03885 POD1	SJAR	SJ	1	2	3	13	31N	11W	237508	4087404	25	17	8
SJ 03885 POD2	SJAR	SJ	1	2	3	13	31N	11W	237546	4087397	25	17	8
SJ 03885 POD4	SJAR	SJ	1	2	3	13	31N	11W	237526	4087372	25	17	8
SJ 03885 POD5	SJAR	SJ		2	3	13	31N	11W	237520	4087469	40	17	23
SJ 03905 POD1	SJAR	SJ	1	2	4	13	31N	11W	238380	4087428	23	5	18
SJ 03984 POD1	SJAR	SJ	3	4	2	13	31N	11W	238366	4087721	35	27	8
SJ 04042 POD1	SJAR	SJ	2	3	1	13	31N	11W	237414	4087999	55	44	11
SJ 04073 POD1	SJAR	SJ	4	4	3	13	31N	11W	238155	4087658	39	12	27

UTM location was derived from PLSS - see Help

Received by OCD: 7/21/2020 3:35:05 PM

Released to Imaging: 2/4/2021 8:55:25 AM

Page 22 of 28

(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 Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
SJ 04145 POD1		SJAR	SJ	4	2	3	13	31N	11W	237716	4087370	31	17	14
SJ 04297 POD1		SJAR	SJ	2	2	4	13	31N	11W	238496	4087539	40		
SJ 04403 POD1		SJAR	SJ		3	4	13	31N	11W	238149	4086950	45		

Average Depth to Water: **19 feet**

Minimum Depth: **5 feet**

Maximum Depth: **100 feet**

Record Count: 58

PLSS Search:

Section(s): 13 **Township:** 31N **Range:** 11W

Received by OCD: 7/21/2020 3:35:05 PM

Released to Imaging: 2/4/2021 8:55:25 AM

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.

Horton # 003A

Remediation Summary

Epic Energy representative arrived at the Horton #003A on the morning of September 19, 2019 to evaluate BGT before the requested time (noon on July 11, 2019) to remove the below grade tank (BGT) and observed the tank had an integrity loss that resulted in a release. Notification was made to the NMOCD and BLM of the release. Epic Energy began remediation efforts by removing the (BGT) and impacted soil (roughly 15 cyds). Impacted soil was transported to Envirotech Land Farm.

An initial C-141 is attached for Closure of the C-144 demonstrating a release of 3 BBLS of produced water as the tank lost integrity. The NMOCD and BLM were notified of the release and given incident # nCS1919752577. Sampling was conducted on July 18, 2019, the NMOCD nor the BLM were present for sampling. (1) 5 composite samples were collected in the base of the BGT removal as demonstrated in the attached photo. Roughly 8 cubic yards of impacted material were removed prior to sampling All analytical results came below regulatory standards

A C-141 is attached for Closure demonstrating a release did occur on the Rincon #014 Composite sample was collected and demonstrated a release occurred and was remediated and closed under the regulatory standards.

Sample Area	8021 BTEX	Benzene	8015 DRO	8015 GRO	8015 ORO	Chloride
East Side Wall	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
West Side Wall	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
Bottom East Base	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
Bottom West	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect

Received by OCD: 7/21/2020 3:35:05 PM

Released to Imaging: 2/4/2021 8:55:25 AM

Released to Imaging: 2/4/2021 8:55:25 AM

Horton #003A Sample Points 5-Point composite sample
Sample Area total of 152 '

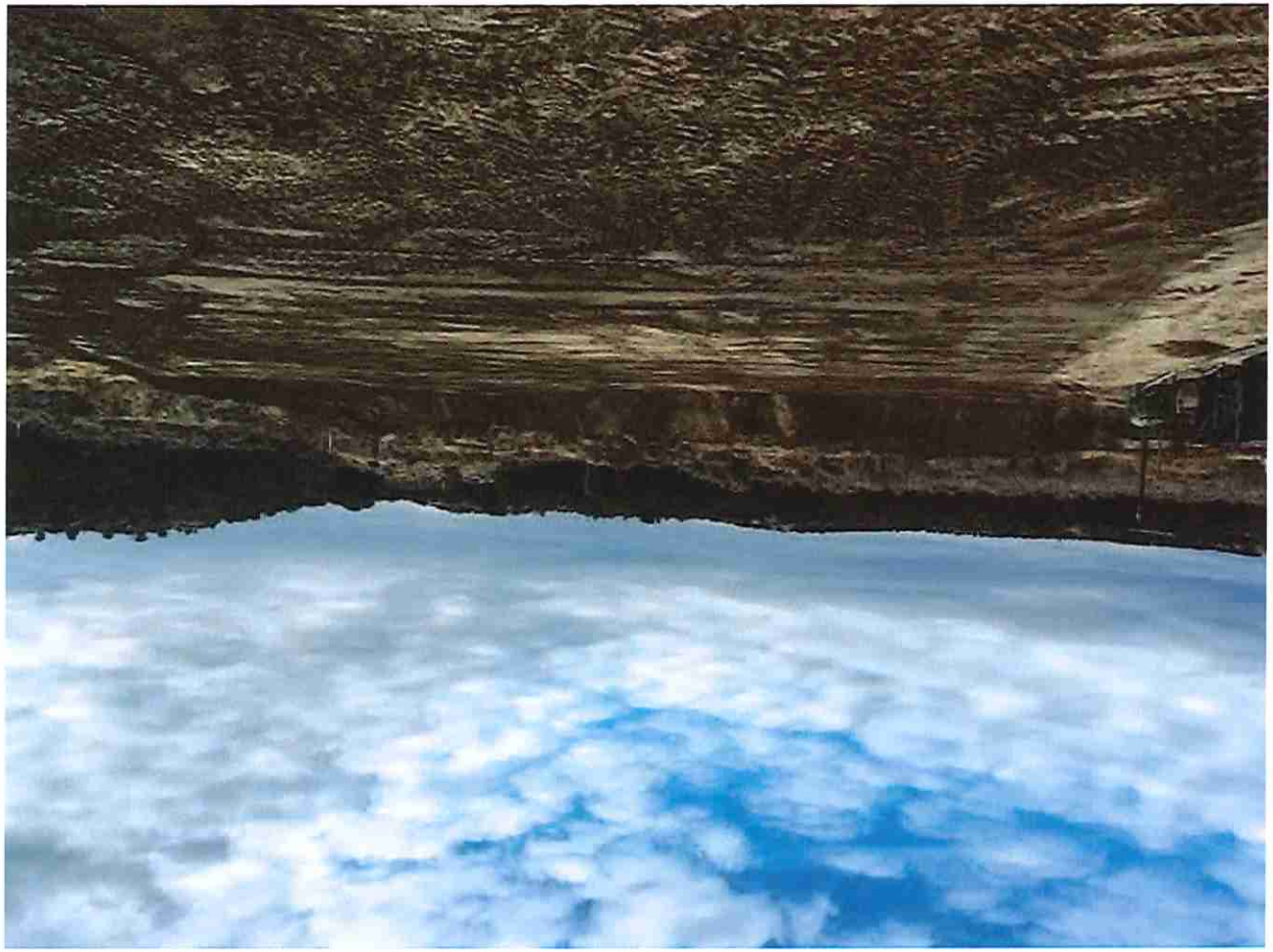
Received by OCD: 7/21/2020 3:35:05 PM

Sample Points Horton #003A

Received by OCD: 7/21/2020 3:35:05 PM

Released to Imaging: 2/4/2021 8:55:25 AM


EPIC ENERGY, LLC
Horton #3A
5W
NW 1/4 SEC. 13 T32N R12W
San Juan County
New Mexico
SF-078147A
PHONE # (505) 327-4892, AFTER HOURS # (505) 599-5203



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 9332

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
EPIC ENERGY, L.L.C. 7415 E Main St Farmington, NM87402	372834	9332	C-141

OCD Reviewer	Condition
csmith	None