

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 320949 372834
Contact Name Vanessa Fields	Contact Telephone 505-787-9100
Contact email vanessa@walsheng.net	Incident # (assigned by OCD)
Contact mailing address 7415 East Main Street Farmington, NM 87402	NCS1932334740

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 September 10, 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)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input checked="" type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Analytical results from the BGT removal demonstrated results above regulatory standards. Epic Energy will comply with 19.15.29 to remediate release. Analytical results are attached to demonstrate release. NMOCD and Farmington BLM office were notified when results demonstrated release.



State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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>10/23/2019</u> email: <u>vanessa@walsheng.net</u> Telephone: <u>505-787-9100</u>
<u>OCD Only</u> Received by:  Date: <u>11/19/19</u>

Analytical Report

Report Summary

Client: Epic Energy

Samples Received: 9/19/2019

Job Number: 18012-0006

Work Order: P909058

Project Name/Location: Halador 3A BGT

Report Reviewed By:



Date: 9/26/19

Walter Hinchman, Laboratory Director

Supplement to analytical report generated on: 9/26/19 4:38 pm



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



Epic Energy
7420 Main Street
Farmington NM, 87402

Project Name: Halador 3A BGT
Project Number: 18012-0006
Project Manager: Michael Dean

Reported:
09/26/19 16:50

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Horton 3A	P909058-01A	Soil	09/19/19	09/19/19	Glass Jar, 4 oz.

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



Epic Energy	Project Name:	Halador 3A BGT	Reported: 09/26/19 16:50
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Michael Dean	

Horton 3A
P909058-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1938039	09/20/19	09/26/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1938039	09/20/19	09/26/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1938039	09/20/19	09/26/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1938039	09/20/19	09/26/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1938039	09/20/19	09/26/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1938039	09/20/19	09/26/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1938039	09/20/19	09/26/19	EPA 8260B	
Surrogate: Toluene-d8		96.0 %		70-130	1938039	09/20/19	09/26/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.8 %		70-130	1938039	09/20/19	09/26/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	87.1	25.0	mg/kg	1	1938038	09/20/19	09/23/19	EPA 8015D	
Oil Range Organics (C28-C40)	188	50.0	mg/kg	1	1938038	09/20/19	09/23/19	EPA 8015D	
Surrogate: n-Nonane		109 %		50-200	1938038	09/20/19	09/23/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1938039	09/20/19	09/26/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1938039	09/20/19	09/26/19	EPA 8015D	
Surrogate: Toluene-d8		96.0 %		70-130	1938039	09/20/19	09/26/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.8 %		70-130	1938039	09/20/19	09/26/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1939030	09/26/19	09/26/19	EPA 300.0/9056A	
----------	----	------	-------	---	---------	----------	----------	--------------------	--

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



Epic Energy	Project Name:	Halador 3A BGT	Reported: 09/26/19 16:50
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Michael Dean	

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

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

Batch 1938039 - Purge and Trap EPA 5030A

Blank (1938039-BLK1)

Prepared: 09/20/19 | Analyzed: 09/25/19 2

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 1,2-Dichloromethane-d4	0.523		"	0.500		105	70-130			
Surrogate: Toluene-d8	0.486		"	0.500		97.2	70-130			
Surrogate: Bromofluorobenzene	0.486		"	0.500		97.1	70-130			

LCS (1938039-BS1)

Prepared: 09/20/19 | Analyzed: 09/25/19 2

Benzene	2.47	0.0250	mg/kg	2.50		98.7	70-130			
Toluene	2.37	0.0250	"	2.50		94.6	70-130			
Ethylbenzene	2.42	0.0250	"	2.50		96.9	70-130			
p,m-Xylene	4.77	0.0500	"	5.00		95.4	70-130			
o-Xylene	2.38	0.0250	"	2.50		95.3	70-130			
Total Xylenes	7.16	0.0250	"	7.50		95.4	70-130			
Surrogate: 1,2-Dichloromethane-d4	0.508		"	0.500		102	70-130			
Surrogate: Toluene-d8	0.494		"	0.500		98.7	70-130			
Surrogate: Bromofluorobenzene	0.511		"	0.500		102	70-130			

Matrix Spike (1938039-MS1)

Source: P909062-01

Prepared: 09/20/19 | Analyzed: 09/25/19 2

Benzene	2.34	0.0250	mg/kg	2.50	ND	93.6	48-131			
Toluene	2.24	0.0250	"	2.50	ND	89.8	48-130			
Ethylbenzene	2.30	0.0250	"	2.50	ND	91.9	45-135			
p,m-Xylene	4.55	0.0500	"	5.00	ND	91.1	43-135			
o-Xylene	2.27	0.0250	"	2.50	ND	90.6	43-135			
Total Xylenes	6.82	0.0250	"	7.50	ND	90.9	43-135			
Surrogate: 1,2-Dichloroethane-d4	0.513		"	0.500		103	70-130			
Surrogate: Toluene-d8	0.485		"	0.500		97.0	70-130			
Surrogate: Bromofluorobenzene	0.507		"	0.500		101	70-130			

Matrix Spike Dup (1938039-MSD1)

Source: P909062-01

Prepared: 09/20/19 | Analyzed: 09/25/19 2

Benzene	2.50	0.0250	mg/kg	2.50	ND	100	48-131	6.77	23	
Toluene	2.43	0.0250	"	2.50	ND	97.1	48-130	7.88	24	
Ethylbenzene	2.50	0.0250	"	2.50	ND	100	45-135	8.53	27	
p,m-Xylene	4.91	0.0500	"	5.00	ND	98.2	43-135	7.54	27	
o-Xylene	2.46	0.0250	"	2.50	ND	98.3	43-135	8.15	27	
Total Xylenes	7.37	0.0250	"	7.50	ND	98.3	43-135	7.75	27	
Surrogate: 1,2-Dichloroethane-d4	0.509		"	0.500		102	70-130			
Surrogate: Toluene-d8	0.495		"	0.500		99.0	70-130			
Surrogate: Bromofluorobenzene	0.494		"	0.500		98.8	70-130			

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



Epic Energy	Project Name:	Halador 3A BGT	Reported: 09/26/19 16:50
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Michael Dean	

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 1938038 - DRO Extraction EPA 3570

Blank (1938038-BLK1)

Prepared: 09/20/19 | Analyzed: 09/23/19 |

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	51.1		"	50.0		102	50-200			

LCS (1938038-BS1)

Prepared: 09/20/19 | Analyzed: 09/23/19 |

Diesel Range Organics (C10-C28)	487	25.0	mg/kg	500		97.5	38-132			
Surrogate: n-Nonane	49.7		"	50.0		99.4	50-200			

Matrix Spike (1938038-MS1)

Source: P909058-01

Prepared: 09/20/19 | Analyzed: 09/23/19 |

Diesel Range Organics (C10-C28)	585	25.0	mg/kg	500	87.1	99.6	38-132			
Surrogate: n-Nonane	53.0		"	50.0		106	50-200			

Matrix Spike Dup (1938038-MSD1)

Source: P909058-01

Prepared: 09/20/19 | Analyzed: 09/23/19 |

Diesel Range Organics (C10-C28)	554	25.0	mg/kg	500	87.1	93.4	38-132	5.47	20	
Surrogate: n-Nonane	50.9		"	50.0		102	50-200			

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



Epic Energy	Project Name:	Halador 3A BGT	Reported: 09/26/19 16:50
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Michael Dean	

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 1938039 - Purge and Trap EPA 5030A

Blank (1938039-BLK1)

Prepared: 09/20/19 | Analyzed: 09/25/19 2

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.523		"	0.500		105	70-130			
Surrogate: Toluene-d8	0.486		"	0.500		97.2	70-130			
Surrogate: Bromofluorobenzene	0.486		"	0.500		97.1	70-130			

LCS (1938039-BS2)

Prepared: 09/20/19 | Analyzed: 09/25/19 2

Gasoline Range Organics (C6-C10)	47.2	20.0	mg/kg	50.0		94.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		"	0.500		103	70-130			
Surrogate: Toluene-d8	0.494		"	0.500		98.7	70-130			
Surrogate: Bromofluorobenzene	0.489		"	0.500		97.8	70-130			

Matrix Spike (1938039-MS2)

Source: P909062-01

Prepared: 09/20/19 | Analyzed: 09/26/19 0

Gasoline Range Organics (C6-C10)	50.6	20.0	mg/kg	50.0	ND	101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		"	0.500		103	70-130			
Surrogate: Toluene-d8	0.493		"	0.500		98.6	70-130			
Surrogate: Bromofluorobenzene	0.488		"	0.500		97.5	70-130			

Matrix Spike Dup (1938039-MSD2)

Source: P909062-01

Prepared: 09/20/19 | Analyzed: 09/26/19 0

Gasoline Range Organics (C6-C10)	49.8	20.0	mg/kg	50.0	ND	99.6	70-130	1.48	20	
Surrogate: 1,2-Dichloroethane-d4	0.509		"	0.500		102	70-130			
Surrogate: Toluene-d8	0.496		"	0.500		99.1	70-130			
Surrogate: Bromofluorobenzene	0.491		"	0.500		98.1	70-130			

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

5796 Highway 64, Farmington, NM 87401

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

24 Hour Emergency Response Phone (800) 362-1879

envirotech-inc.com

Labadmin@envirotech-inc.com

Page 6 of 9



Epic Energy	Project Name:	Halador 3A BGT	Reported: 09/26/19 16:50
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Michael Dean	

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 1939030 - Anion Extraction EPA 300.0/9056A										
Blank (1939030-BLK1)				Prepared & Analyzed: 09/26/19 1						
Chloride	ND	20.0	mg/kg							
LCS (1939030-BS1)				Prepared & Analyzed: 09/26/19 1						
Chloride	255	20.0	mg/kg	250		102	90-110			
Matrix Spike (1939030-MS1)				Source: P909058-01		Prepared & Analyzed: 09/26/19 1				
Chloride	253	20.0	mg/kg	250	ND	101	80-120			
Matrix Spike Dup (1939030-MSD1)				Source: P909058-01		Prepared & Analyzed: 09/26/19 1				
Chloride	255	20.0	mg/kg	250	ND	102	80-120	0.744	20	

QC Summary Report

Comment:

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

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



Epic Energy
7420 Main Street
Farmington NM, 87402

Project Name: Halador 3A BGT
Project Number: 18012-0006
Project Manager: Michael Dean

Reported:
09/26/19 16:50

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.