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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Epic Energy LLC	OGRID 372834
Contact Name Vanessa Fields	Contact Telephone 505-787-9100
Contact email vanessa@walsheng.net	Incident # *(assigned by OCD) Incident occurred from BGT initial C-141 inside Final C-144. Incident number has not been assigned by the NMOCD*
Contact mailing address 7451 E. Main Street Farmington, NM 87402	

Location of Release Source

Latitude 36.2687874 Longitude -107.6299744
(NAD 83 in decimal degrees to 5 decimal places)

Site Name South Blanco State 36 #006	Site Type Oil Well Site
Date Release Discovered 11/22/2019	API# *(if applicable) 30-045-27639*

Unit Letter	Section	Township	Range	County
J	36	24N	08W	San Juan

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	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
Below Grade Tank was closed on November 19, 2019. Analytical results were demonstrated a release occurred but were below the regulatory standards pursuant to 19.15.29.

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? ☐ Yes ☒ 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

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

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

Below Grade Tank was closed on November 19, 2019. Analytical results were demonstrated a release occurred but were below the regulatory standards pursuant to 19.15.29.

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

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

Printed Name: Vanessa Fields Title: Regulatory Compliance Manager

Signature: Date: 2/27/2020

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

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	
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?	74' (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
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: Vanessa Fields Title: Regulatory Compliance Manager

Signature: Date: 2/27/2020

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

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	
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: 2/27/2020

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: Date: 4/27/2020

Printed Name: Cory Smith Title: Environmental Specialist

South Blanco State 36 #006
30-045-27639
Summary of Events

On Friday November 15, 2020 Epic Energy removed the 27 BBL fiberglass BGT from service on the South Blanco State 36 #006. Epic Energy collected one (5) point composite sample 5' below ground surface. No visible signs of staining and/or odor were noted during the sampling event. A representative from the NMOCD and/or Surface Agency was not present during the sampling event. The composite sample was transported via ice to Envirotech Lab and was tested in accordance with NMOCD 19.15.29 Table 1 requirements.

Analytical results demonstrated that a release occurred but were below the regulatory requirements with depth to groundwater being 74' based on the I water reports from the New Mexico Engineers State Water data base and a test well drilled on Enduring/WPX Chaco 133H and attached sitting criteria.

(Please see attached sitting criteria)

8021	Benzene	8015 (GRO/DRO/ORO	Chlorides
Non-Detect	Non-Detect	DRO 62.4ppm	Non-Detect
		GRO 64.0ppm	
		ORO non-detect	

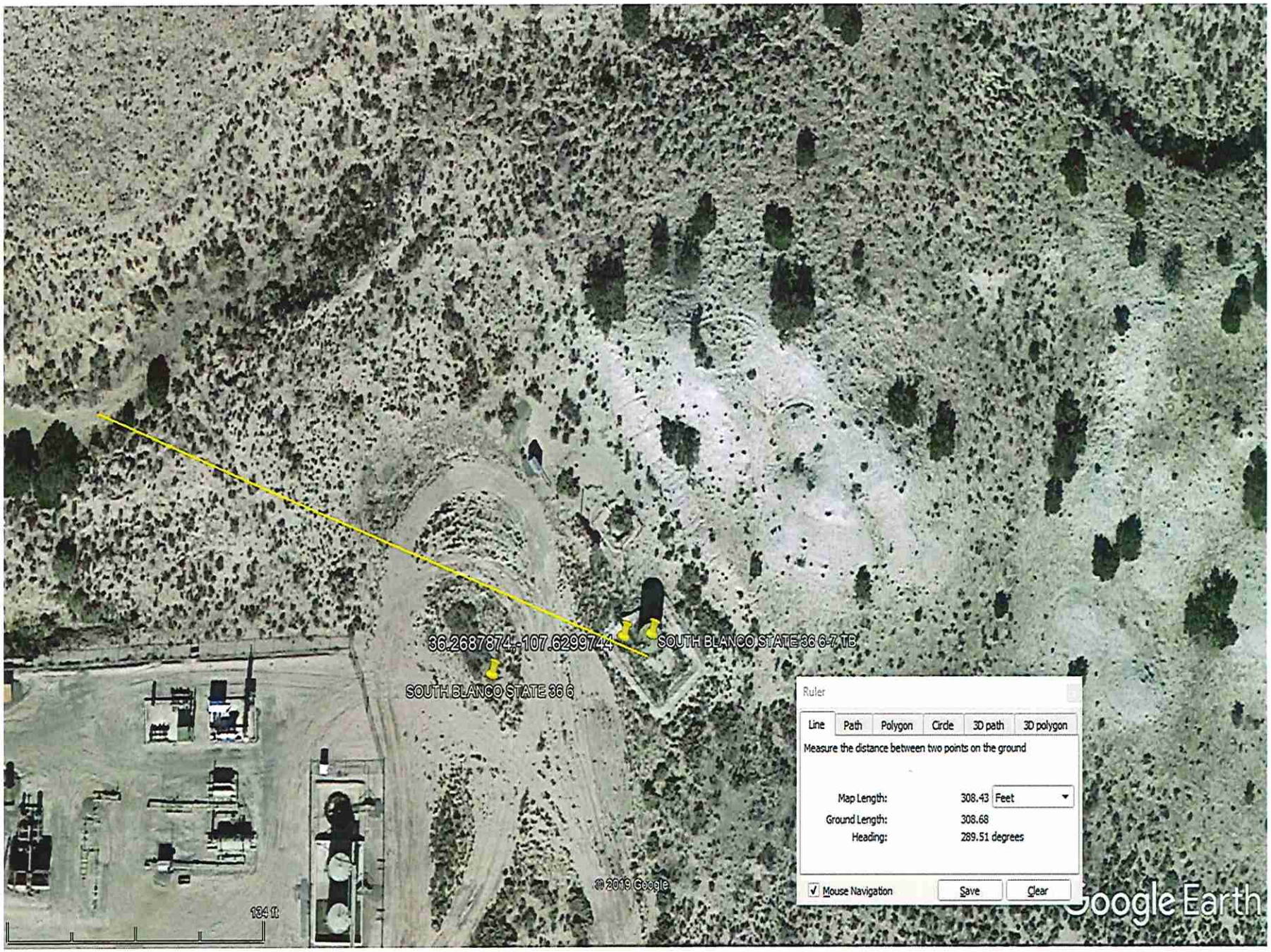
South Blanco State 36 #006
30-045-27639
Summary of Events

Table I
Closure Criteria for Soils Impacted by a Release

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

*Or other test methods approved by the division.
**Numerical limits or natural background level, whichever is greater.
***This applies to releases of produced water or other fluids, which may contain chloride.
[19.15.29.12 NMAC - N, 8/14/2018]

South Blanco State 36 #006 30-045-27639



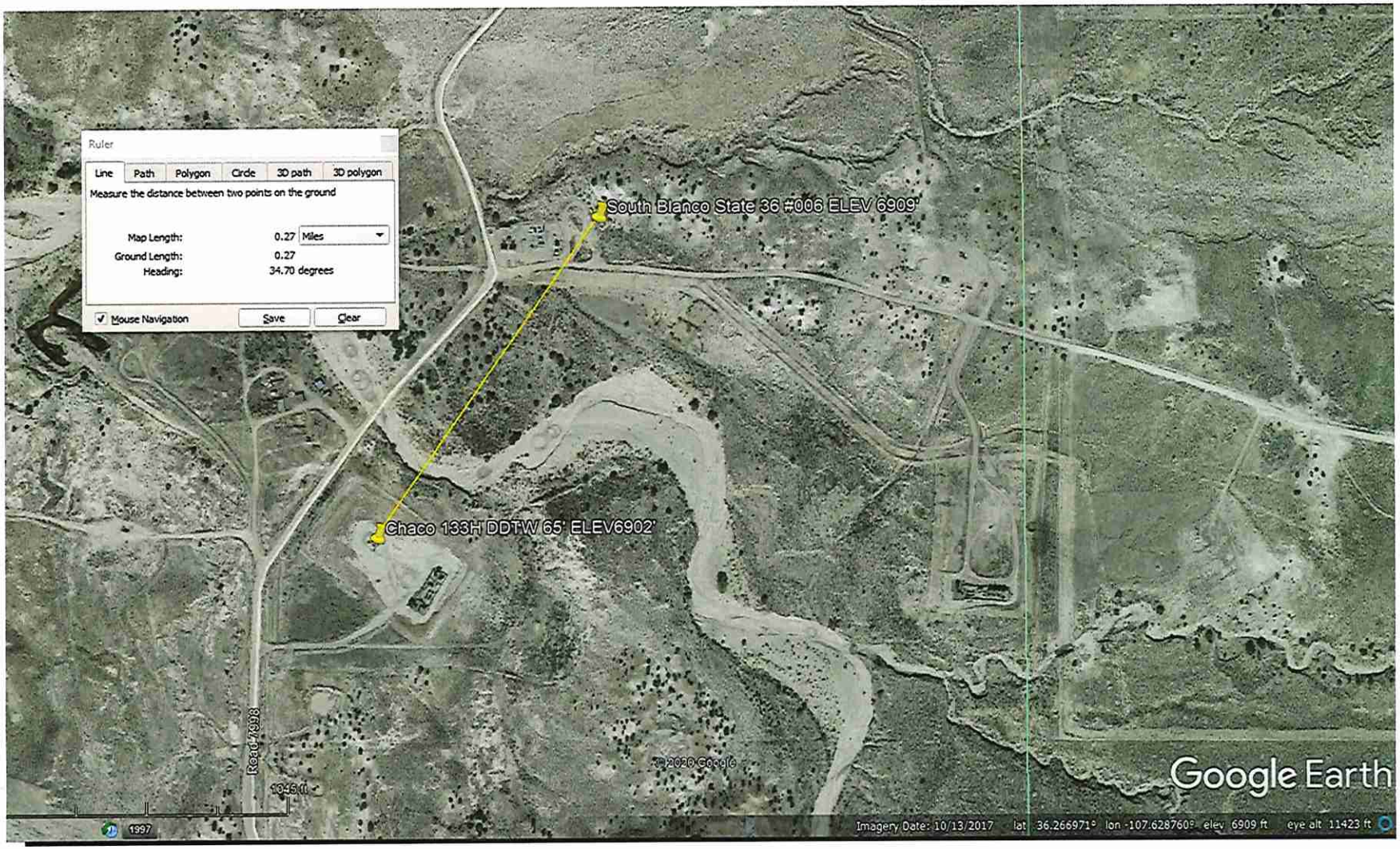
South Blanco State 36 #006
SB One (5) point Composite Sample Map

8021 BTEX	Benzene	8015 (GRO/DRO/ORO	Chlorides
Non-Detect	Non-Detect	DRO 62.4ppm	Non-Detect
		GRO 64.0ppm	
		ORO non-detect	

Sitting Criteria South Blanco State 36 #006

30-045-27639

See attached Water Report



GROUNDWATER DEPTH LOG

Company: WPX Energy			Location: Ulaco #133H 134H
Probe type: Powers well Sounder			
Date	Time	Depth	Comments
3-26-15	12:20	75	water at 75. ft.
3-26-15	1:30	65'	water leveled out at

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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
SJ 00870		SJ	SJ		2	3	36	24N	08W	263248	4017010*	250		
SJ 00960		SJ	SJ	3	3	3	36	24N	08W	262730	4016518*			
SJ 00960 S		SJ	SJ	3	1	3	36	24N	08W	262744	4016920*			
SJ 00960 S-2		SJ	SJ	3	2	3	36	24N	08W	263147	4016909*			
SJ 00960 S-3		SJ	SJ	2	4	3	36	24N	08W	263336	4016707*			

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 5

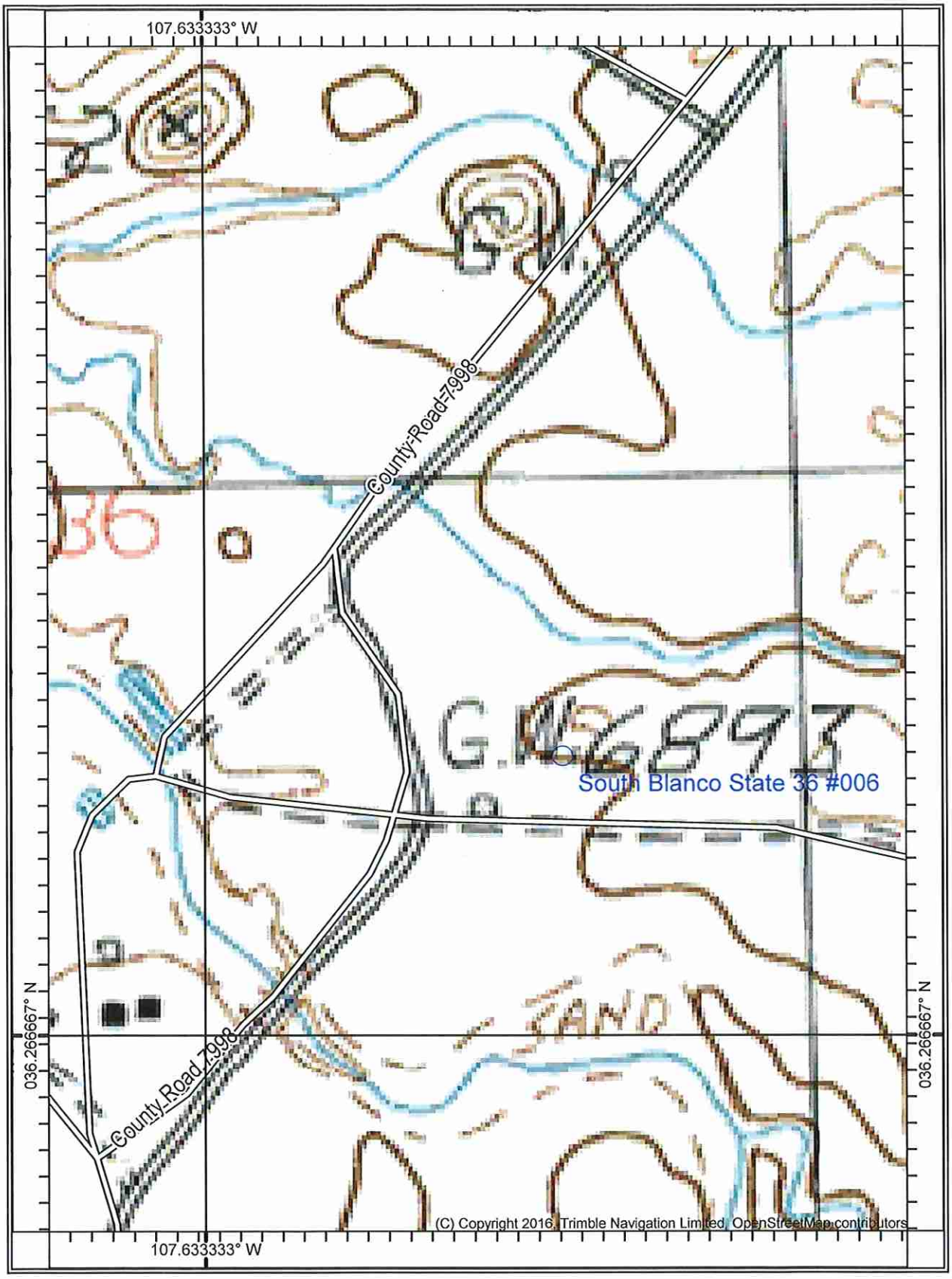
PLSS Search:

Section(s): 36 **Township:** 24N **Range:** 08W

***UTM location was derived from PLSS - see Help**

2/27/20 4:00 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



SCALE 1:4800

0 1000

Feet

Vanessa Fields

From: Vanessa Fields
Sent: Tuesday, November 12, 2019 8:30 AM
To: Smith, Cory, EMNRD; 'Adeloye, Abiodun'
Cc: Vern Andrews; Michael Dean; John Hampton Jr
Subject: Friday November 72 hour notification removal of BGT South Blanco State 36 #006 30-045-27639,Rincon Largo Federal 24 #001 (30-039-25716),Lybrook #004 (30-039-24894),Mesa 25-7 (30-039-25107)

Good afternoon,

Epic Energy will remove the below grade tank at the South Blanco State 36 #006 (30-045-27639) at 9:00 am on Friday November 15, 2019.

Three more BGTS will be removed following the South Blanco State 36 #006 referenced below:

Rincon Largo Federal 24 #001 (30-039-25716)

Lybrook #004 (30-039-24894)

Mesa 25-7 (30-039-25107)

Please let me know if you should have any questions and/or concerns.

Thank you,

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

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: Epic Energy

Samples Received: 11/18/2019
Job Number: 18012-0006
Work Order: P911081
Project Name/Location: BGT

Report Reviewed By: Walter Hinchman Date: 11/22/19

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

envirotech
Analytical Laboratory

Epic Energy	Project Name:	BGT	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	11/22/19 09:29

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
South Blanco State 36-6	P911081-01A	Soil	11/15/19	11/18/19	Glass Jar, 4 oz.
Lybrook Federal 24.4	P911081-02A	Soil	11/15/19	11/18/19	Glass Jar, 4 oz.
Rincon Largo Federal 24.1	P911081-03A	Soil	11/15/19	11/18/19	Glass Jar, 4 oz.
Mesa 25-7	P911081-04A	Soil	11/15/19	11/18/19	Glass Jar, 4 oz.

envirotech
Analytical Laboratory

Epic Energy	Project Name:	BGT	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	11/22/19 09:29

South Blanco State 36-6
P911081-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/19/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/19/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/19/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947010	11/18/19	11/19/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/19/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947010	11/18/19	11/19/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*		*50-150*	*1947010*	*11/18/19*	*11/19/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**62.4**	25.0	mg/kg	1	1947012	11/19/19	11/20/19	EPA 8015D	
Oil Range Organics (C28-C40)	**64.0**	50.0	mg/kg	1	1947012	11/19/19	11/20/19	EPA 8015D	
Surrogate: n-Nonane		*103 %*		*50-200*	*1947012*	*11/19/19*	*11/20/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947010	11/18/19	11/19/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.4 %*		*50-150*	*1947010*	*11/18/19*	*11/19/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1947017	11/19/19	11/19/19	EPA 300.0/9056A	

envirotech
Analytical Laboratory

Epic Energy	Project Name:	BGT	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	11/22/19 09:29

Lybrook Federal 24.4
P911081-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
Ethylbenzene	**0.151**	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
p,m-Xylene	**0.338**	0.0500	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
o-Xylene	**0.194**	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
Total Xylenes	**0.532**	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*115 %*		*50-150*	*1947010*	*11/18/19*	*11/20/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**8090**	125	mg/kg	5	1947012	11/19/19	11/20/19	EPA 8015D	
Oil Range Organics (C28-C40)	**2000**	250	mg/kg	5	1947012	11/19/19	11/20/19	EPA 8015D	
Surrogate: n-Nonane		*134 %*		*50-200*	*1947012*	*11/19/19*	*11/20/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	**31.7**	20.0	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.4 %*		*50-150*	*1947010*	*11/18/19*	*11/20/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	**157**	20.0	mg/kg	1	1947017	11/19/19	11/19/19	EPA 300.0/9056A	

envirotech
Analytical Laboratory

Epic Energy	Project Name:	BGT	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	11/22/19 09:29

Rincon Largo Federal 24.1
P911081-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*		*50-150*	*1947010*	*11/18/19*	*11/20/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1947012	11/19/19	11/20/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1947012	11/19/19	11/20/19	EPA 8015D	
Surrogate: n-Nonane		*101 %*		*50-200*	*1947012*	*11/19/19*	*11/20/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.8 %*		*50-150*	*1947010*	*11/18/19*	*11/20/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1947017	11/19/19	11/19/19	EPA 300.0/9056A	

envirotech
Analytical Laboratory

Epic Energy	Project Name:	BGT	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	11/22/19 09:29

Mesa 25-7
P911081-04 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*		*50-150*	*1947010*	*11/18/19*	*11/20/19*	*EPA 8021B*	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	**30.4**	25.0	mg/kg	1	1947012	11/19/19	11/20/19	EPA 8015D	
Oil Range Organics (C28-C40)	**51.9**	50.0	mg/kg	1	1947012	11/19/19	11/20/19	EPA 8015D	
Surrogate: n-Nonane		*103 %*		*50-200*	*1947012*	*11/19/19*	*11/20/19*	*EPA 8015D*	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947010	11/18/19	11/20/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.8 %*		*50-150*	*1947010*	*11/18/19*	*11/20/19*	*EPA 8015D*	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1947017	11/19/19	11/19/19	EPA 300.0/9056A	

envirotech
Analytical Laboratory

Epic Energy	Project Name:	BGT	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	11/22/19 09:29

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 1947010 - Purge and Trap EPA 5030A										
Blank (1947010-BLK1)				Prepared: 11/18/19 1 Analyzed: 11/20/19 0						
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	*8.34*		"	*8.00*		*104*	*50-150*			
LCS (1947010-BS1)				Prepared: 11/18/19 1 Analyzed: 11/20/19 0						
Benzene	4.99	0.0250	mg/kg	5.00		99.8	70-130			
Toluene	5.18	0.0250	"	5.00		104	70-130			
Ethylbenzene	5.16	0.0250	"	5.00		103	70-130			
p,m-Xylene	10.3	0.0500	"	10.0		103	70-130			
o-Xylene	5.16	0.0250	"	5.00		103	70-130			
Total Xylenes	15.4	0.0250	"	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.25*		"	*8.00*		*103*	*50-150*			
Matrix Spike (1947010-MS1)		**Source: P911066-01**		Prepared: 11/18/19 1 Analyzed: 11/20/19 1						
Benzene	5.01	0.0250	mg/kg	5.00	ND	100	54.3-133			
Toluene	5.29	0.0250	"	5.00	ND	106	61.4-130			
Ethylbenzene	5.22	0.0250	"	5.00	ND	104	61.4-133			
p,m-Xylene	10.4	0.0500	"	10.0	ND	104	63.3-131			
o-Xylene	5.19	0.0250	"	5.00	ND	104	63.3-131			
Total Xylenes	15.6	0.0250	"	15.0	ND	104	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.21*		"	*8.00*		*103*	*50-150*			
Matrix Spike Dup (1947010-MSD1)		**Source: P911066-01**		Prepared: 11/18/19 1 Analyzed: 11/20/19 1						
Benzene	4.90	0.0250	mg/kg	5.00	ND	98.1	54.3-133	2.21	20	
Toluene	5.12	0.0250	"	5.00	ND	102	61.4-130	3.36	20	
Ethylbenzene	5.09	0.0250	"	5.00	ND	102	61.4-133	2.68	20	
p,m-Xylene	10.1	0.0500	"	10.0	ND	101	63.3-131	2.53	20	
o-Xylene	5.07	0.0250	"	5.00	ND	101	63.3-131	2.40	20	
Total Xylenes	15.2	0.0250	"	15.0	ND	101	63.3-131	2.49	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.32*		"	*8.00*		*104*	*50-150*			

envirotech
Analytical Laboratory

Epic Energy	Project Name:	BGT	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	11/22/19 09:29

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 1947012 - DRO Extraction EPA 3570										
Blank (1947012-BLK1)				Prepared: 11/19/19 1 Analyzed: 11/20/19 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	*51.7*		"	*50.0*		*103*	*50-200*			
LCS (1947012-BS1)				Prepared: 11/19/19 1 Analyzed: 11/20/19 0						
Diesel Range Organics (C10-C28)	559	25.0	mg/kg	500		112	38-132			
Surrogate: n-Nonane	*53.2*		"	*50.0*		*106*	*50-200*			
Matrix Spike (1947012-MS1)	**Source: P911059-01**			Prepared: 11/19/19 1 Analyzed: 11/20/19 0						
Diesel Range Organics (C10-C28)	510	25.0	mg/kg	500	ND	102	38-132			
Surrogate: n-Nonane	*48.8*		"	*50.0*		*97.6*	*50-200*			
Matrix Spike Dup (1947012-MSD1)	**Source: P911059-01**			Prepared: 11/19/19 1 Analyzed: 11/20/19 0						
Diesel Range Organics (C10-C28)	514	25.0	mg/kg	500	ND	103	38-132	0.702	20	
Surrogate: n-Nonane	*47.4*		"	*50.0*		*94.8*	*50-200*			

envirotech
Analytical Laboratory

Epic Energy	Project Name:	BGT	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	11/22/19 09:29

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 1947010 - Purge and Trap EPA 5030A										
Blank (1947010-BLK1)				Prepared: 11/18/19 1 Analyzed: 11/20/19 0						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.74*		"	*8.00*		*84.2*	*50-150*			
LCS (1947010-BS2)				Prepared: 11/18/19 1 Analyzed: 11/20/19 1						
Gasoline Range Organics (C6-C10)	48.4	20.0	mg/kg	50.0		96.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.86*		"	*8.00*		*85.8*	*50-150*			
Matrix Spike (1947010-MS2)	**Source: P911066-01**			Prepared: 11/18/19 1 Analyzed: 11/20/19 1						
Gasoline Range Organics (C6-C10)	48.1	20.0	mg/kg	50.0	ND	96.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.75*		"	*8.00*		*84.4*	*50-150*			
Matrix Spike Dup (1947010-MSD2)	**Source: P911066-01**			Prepared: 11/18/19 1 Analyzed: 11/20/19 1						
Gasoline Range Organics (C6-C10)	46.2	20.0	mg/kg	50.0	ND	92.3	70-130	4.07	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.80*		"	*8.00*		*85.0*	*50-150*			

envirotech
Analytical Laboratory

Epic Energy	Project Name:	BGT	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	11/22/19 09:29

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 1947017 - Anion Extraction EPA 300.0/9056A										
Blank (1947017-BLK1)				Prepared & Analyzed: 11/19/19 1						
Chloride	ND	20.0	mg/kg							
LCS (1947017-BS1)				Prepared & Analyzed: 11/19/19 1						
Chloride	253	20.0	mg/kg	250		101	90-110			
Matrix Spike (1947017-MS1)		Source: P911086-01		Prepared & Analyzed: 11/19/19 1						
Chloride	305	20.0	mg/kg	250	54.1	100	80-120			
Matrix Spike Dup (1947017-MSD1)		Source: P911086-01		Prepared & Analyzed: 11/19/19 1						
Chloride	305	20.0	mg/kg	250	54.1	100	80-120	0.0787	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.

envirotech
Analytical Laboratory

Epic Energy	Project Name:	BGT	
7420 Main Street	Project Number:	18012-0006	**Reported:**
Farmington NM, 87402	Project Manager:	Michael Dean	11/22/19 09:29

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.

Project Information

Chain of Custody

Page 1 of 1

Client:	EDIC ENERGY LLC
Project:	BGT
Project Manager:	MICHAEL L DEAN
Address:	7415 E MAIN STREET
City, State, Zip	FARMINGTON N.M. 87402
Phone:	505-860-0481
Email:	MICHAEL.DEAN@WALSHENG.NET

Report Attention

Report due by:	~~11-19-19~~ 11-26-19
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: Lab WO# P 911081 | Job Number 13012-0006

TAT: 1D | 3D X

EPA Program: RCRA | CWA | SDWA

State: NM X | CO | UT | AZ

Analysis and Method

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
9:00 AM	11/15/19	S	G	SOUTH BLANCO STATE 36-6	1	X	X	X			X		
10:15 AM	11/15/19	S	G	LYBROOK FEDERAL 24-4	2	X	X	X			X		
10:45 AM	11/15/19	S	G	RINCON LARGO FEDERAL 24-1	3	X	X	X			X		
11:30 AM	11/15/19	S	G	MESA 25-7	4	X	X	X			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. 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	11-18-19	2:25 pm	Raina Lopez	11/18/19	14:35
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
Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
Ph (970) 259-0615 Fx (800) 362-1879

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