

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	NCS1932437061
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EPIC Energy L.L.C	OGRID 320949
Contact Name Vanessa Fields	Contact Telephone 505-787-9100
Contact email vanessa@walsheng.net	Incident # (assigned by OCD) NCS1932437061
Contact mailing address 7415 East Main Street Farmington, NM 87402	

Location of Release Source

Latitude 36.229099 Longitude -107.584953
(NAD 83 in decimal degrees to 5 decimal places)

Site Name State J-5 J-7 Tank Battery	Site Type Oil
Date Release Discovered: 10/24/2019	API# (if applicable) N/A

Unit Letter	Section	Township	Range	County
C	11	23N	07W	Rio Arriba

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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 87 BBLS	Volume Recovered (bbls) 83 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: Epic Energy was onsite to pull the water tank when operations began when the valve to the tank was turned it broke. A truck was onsite when the release occurred. All oil released remained inside the bermed area. Notification was made to the NMOCD and State Land Office of the release. Epic Energy began remediation efforts by removing the impacted soil and transported to Envirotech Land Farm. Investigation pending.

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State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Release quantity over 25 BBLs
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Jim Griswold, Cory Smith by email and phone notification on 10/24/2019	

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

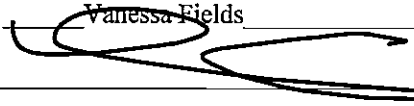
- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have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

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

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

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

Printed Name: Vanessa Fields Title: Regulatory Specialist

Signature:  Date: 11/01/2019

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

OCD Only

Received by: _____ Date: _____

Site Assessment/Characterization

State of New Mexico
Oil Conservation Division

Incident ID	NCS1932437061
District RP	
Facility ID	
Application ID	

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

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

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within 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	NCS1932437061
District RP	
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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: 5/20/2020

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

OCD Only

Received by: Jocelyn Harimon Date: 03/30/2023

Incident ID	NCS1932437061
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 Manger

Signature:  Date: 5/20/2020

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

OCD Only

Received by: Jocelyn Harimon Date: 03/30/2023

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: 05/02/2023

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

EPIC ENERGY, L.L.C.

STATE J5, J7 TANK BATTERY

E-SEC. 16-T23N-R07W

1858' FNL & 990' FWL

N36.229099 & W-107.584953

RIO ARRIBA CO., NM

PHONE # (505) 327-4892

AFTER HOURS # (505) 599-5203

10/24/19



State J 5-7 Tank Battery
NCS1932437061
Summary of Events


On October 24, 2019 Epic Energy was onsite to pull the water tank when operations began when the valve to the tank was turned it broke. An Oil truck was onsite when the release occurred and was able to collect all standing liquids. All oil released remained inside the bermed area while all standing fluid. Notification was made to the NMOCD and State Land Office of the release. Epic Energy began remediation efforts by removing the impacted soil and transported to Envirotech Land Farm. Confirmation samples were collected on December 26, 2019. Further remediation was conducted on the South portion and Final confirmation sample was collected on April 8, 2020. 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.

Depth to groundwater being over 100' based on the I water reports from the New Mexico Engineers State Water data base and a test well drilled on Enduring/WPX Chaco 163H and attached sitting criteria.

(Please see attached sitting criteria)

Sample Criteria	BTEEX 8260	Benzene	Diesel Range	Gasoline Range	Oil Range	Chloride
North	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
Middle	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
South	15.1 mg/kg	Non-Detect	20,500 mg/kg	127 mg/kg	4,070 mg/kg	Non-Detect
South Re-Sample	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect

Closure Criteria Sampling Standards

<p style="text-align: center;">Table I Closure Criteria for Soils Impacted by a Release</p>			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride***	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
51 feet-100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
>100 feet 	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Chaco 163H Depth to Groundwater Reference



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)

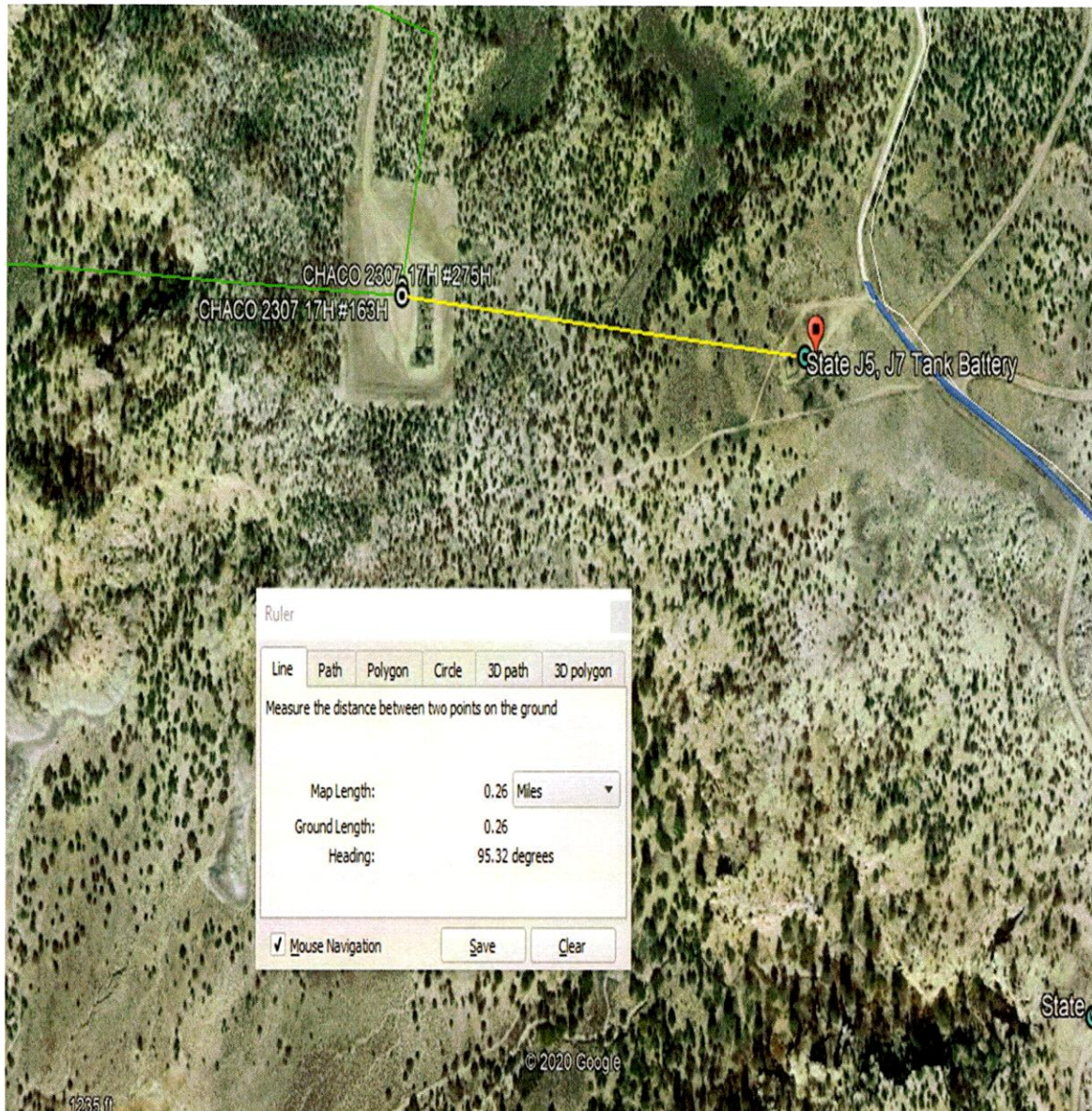
POD Number	POD	Code	Subbasin	County	64	15	4	Sec	Tws	Range	X	Y	Depth Well	Depth, Water Column
SJ 01507				RA	3	3	4	10	23N	07W	269889	4013098*	1709	900 809
SJ 02233				RA	1	1	2	15	23N	07W	269856	4012864*	1100	
SJ 02233 CLW223636	O			RA	1	1	2	15	23N	07W	269856	4012864*	1100	
													Average Depth to Water:	900 feet
													Minimum Depth:	900 feet
													Maximum Depth:	900 feet

Record Count: 3

PLSS Search:

Township: 23N Range: 07W

Depth to Groundwater Reference > 100'





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): 11 **Township:** 23N **Range:** 07W

The data is furnished by the NMOSE/TSC and is accepted by the recipient with the expressed understanding that the OSE/TSC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

12/28/20 3:12 PM

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): 12

Township: 23N

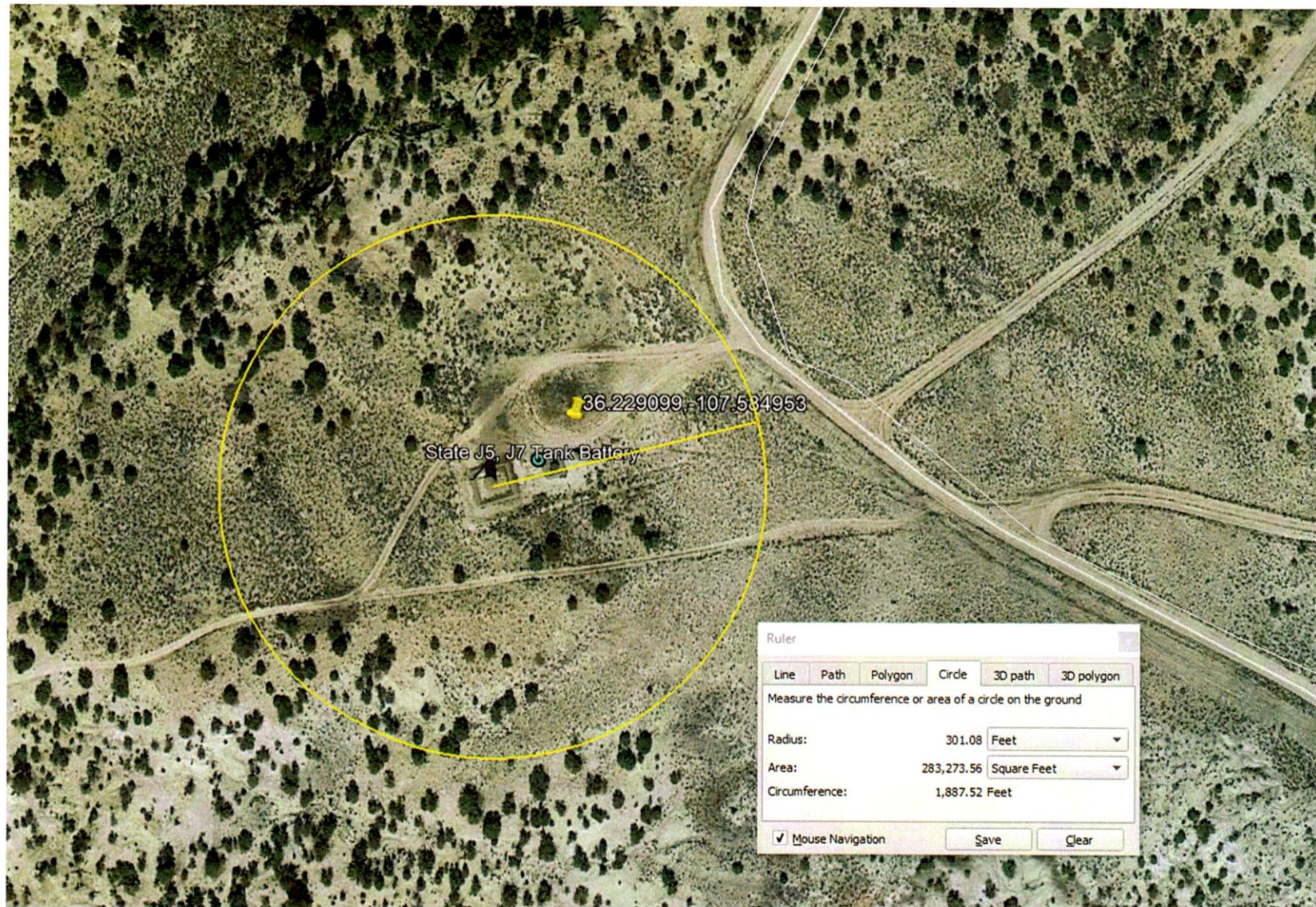
Range: 07W

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.

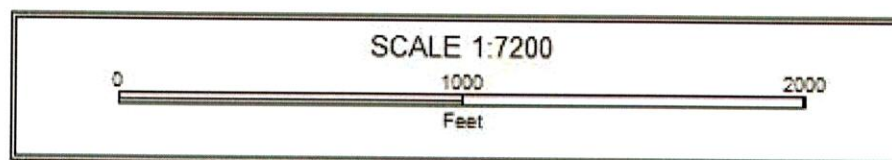
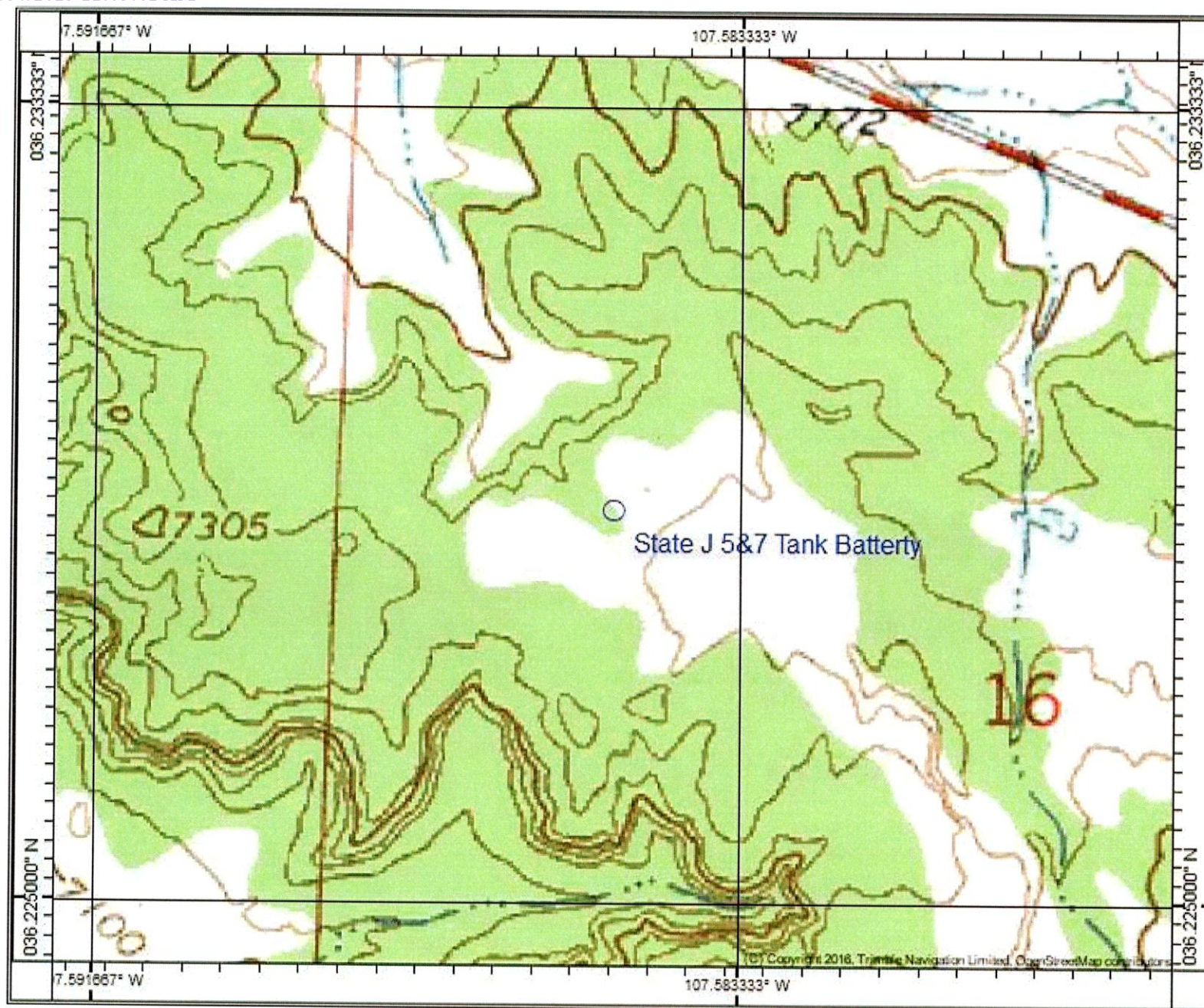
12/28/20 3:13 PM

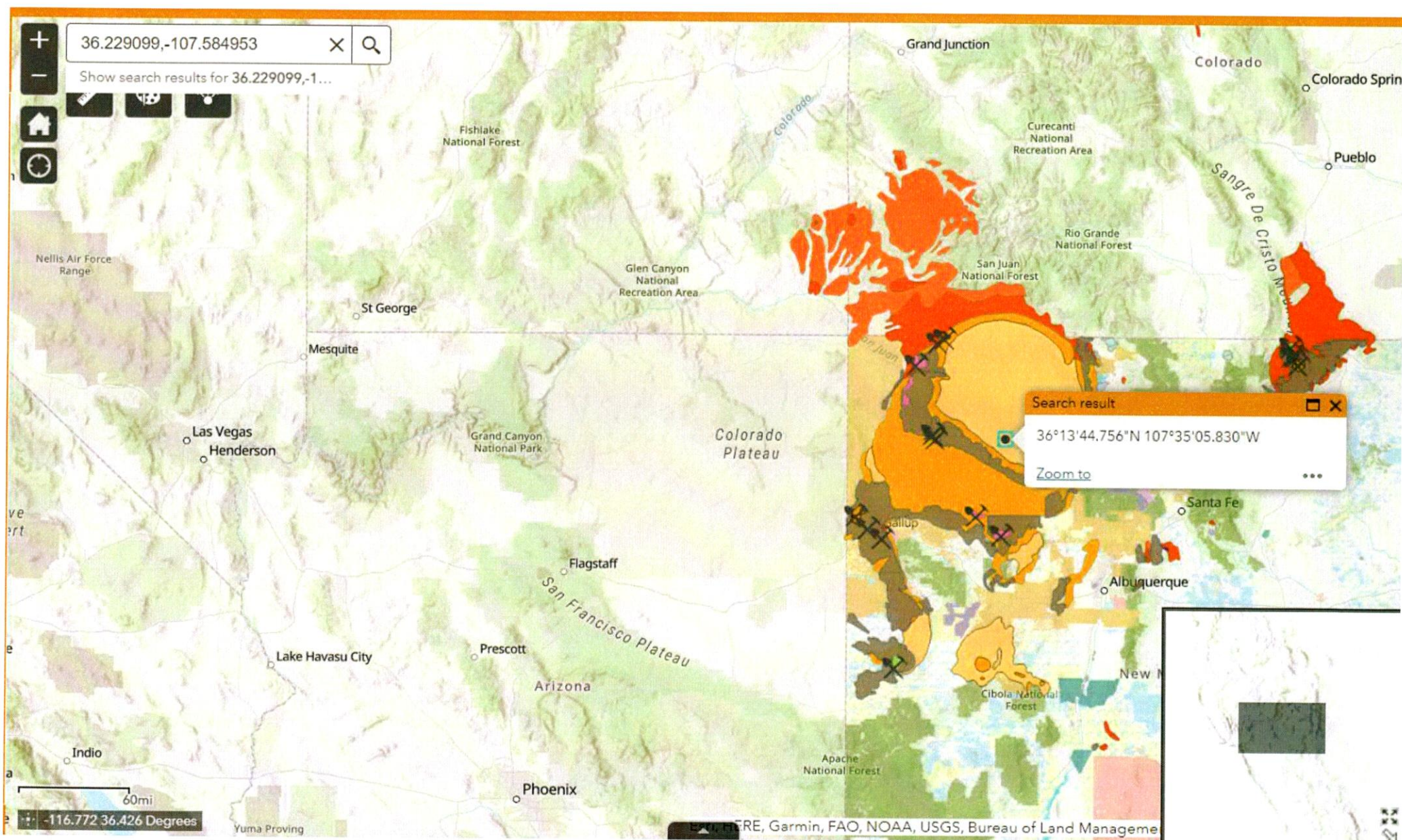
WATER COLUMN/ AVERAGE
DEPTH TO WATER

State J 5-7 Distance to Surface Water



This is a screenshot of a Google Earth interface showing an aerial view of a military site. A yellow line is drawn across the terrain, and a yellow polygon is drawn around a structure. A measurement tool window is open in the bottom left corner, displaying a length of 226.76 feet. The window includes tabs for Line, Path, Polygon, Circle, 3D path, and 3D polygon. The text "Measure the height and width of 3D buildings and the distance from points on buildings to the ground" is visible. The measurement tool also shows a checkbox for "Mouse Navigation" and buttons for "Save" and "Clear". The Google Earth interface includes a scale bar at the bottom left, a copyright notice "© 2020 Google" at the bottom center, and the "Google Earth" logo at the bottom right. The status bar at the very bottom shows the imagery date as 10/13/2017 and coordinates: lat 36.228973° lon -107.585086° elev 7263 ft eye alt 7580 ft.

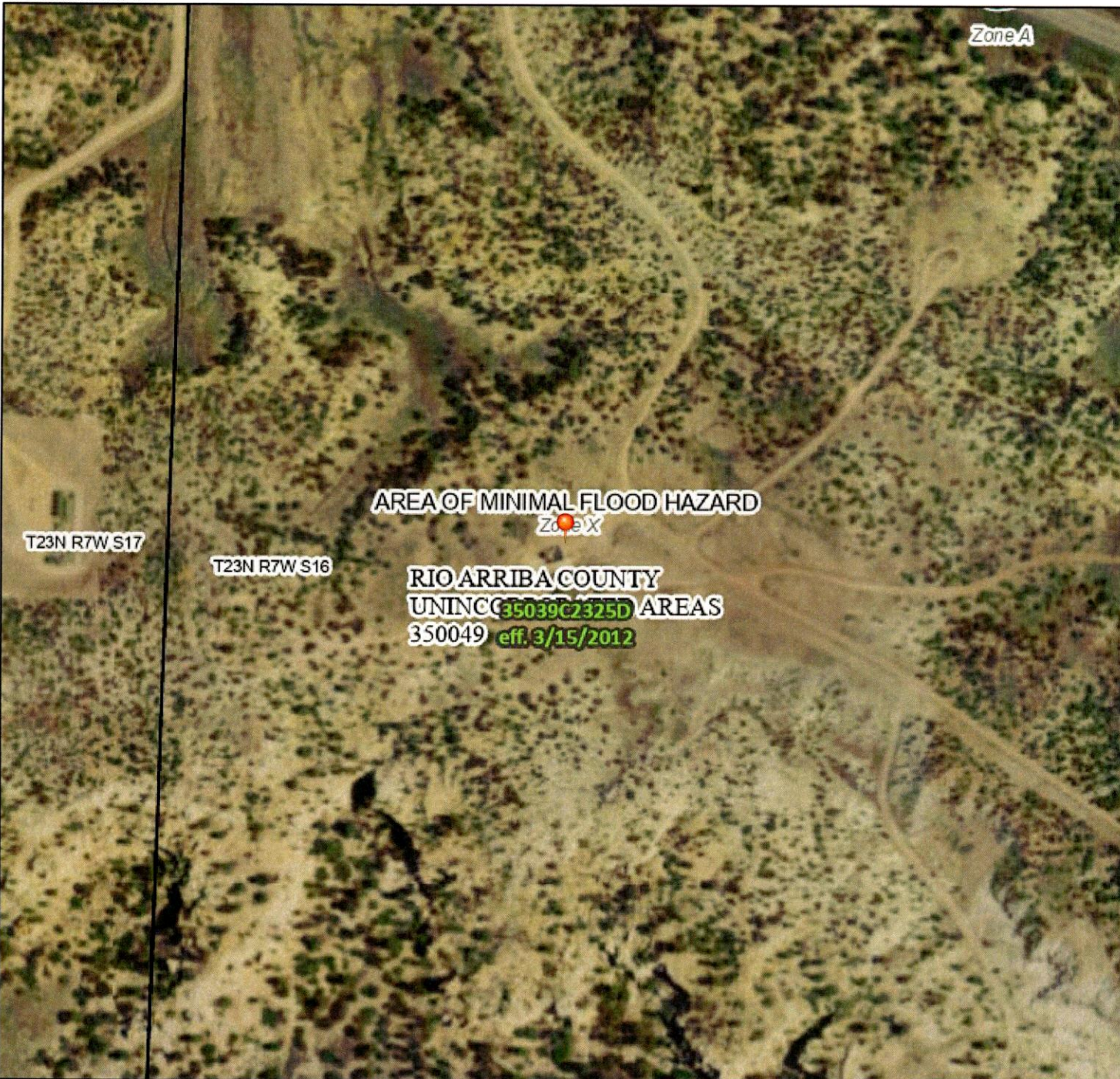




National Flood Hazard Layer FIRMette



107°35'25"W 36°13'59"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone J
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/30/2023 at 12:46 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Analytical Report

Report Summary

Client: Epic Energy

Samples Received: 12/26/2019

Job Number: 18012-0006

Work Order: P912079

Project Name/Location: State J 517

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a horizontal line.

Date: 1/3/20

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.



Epic Energy
7420 Main Street
Farmington NM, 87402

Project Name: State J 517
Project Number: 18012-0006
Project Manager: Michael Dean

Reported:
01/03/20 11:54

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
State J 517 North	P912079-01A	Soil	12/26/19	12/26/19	Glass Jar, 4 oz.
State J 517 Middle	P912079-02A	Soil	12/26/19	12/26/19	Glass Jar, 4 oz.
State J 517 South	P912079-03A	Soil	12/26/19	12/26/19	Glass Jar, 4 oz.

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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

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Epic Energy	Project Name:	State J 517	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Michael Dean	01/03/20 11:54

**State J 517 North
P912079-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.7 %		70-130	1953009	12/30/19	01/01/20	EPA 8260B	
Surrogate: Toluene-d8		103 %		70-130	1953009	12/30/19	01/01/20	EPA 8260B	
Surrogate: Bromofluorobenzene		97.3 %		70-130	1953009	12/30/19	01/01/20	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953003	12/30/19	12/30/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953003	12/30/19	12/30/19	EPA 8015D	
Surrogate: n-Nonane		74.9 %		50-200	1953003	12/30/19	12/30/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		99.7 %		70-130	1953009	12/30/19	01/01/20	EPA 8015D	
Surrogate: Toluene-d8		103 %		70-130	1953009	12/30/19	01/01/20	EPA 8015D	
Surrogate: Bromofluorobenzene		97.3 %		70-130	1953009	12/30/19	01/01/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1953014	12/31/19	01/02/20	EPA 300.0/9056A	
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Epic Energy	Project Name:	State J 517	Reported: 01/03/20 11:54
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Michael Dean	

**State J 517 Middle
P912079-02 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98.9 %		70-130	1953009	12/30/19	01/01/20	EPA 8260B	
Surrogate: Toluene-d8		99.9 %		70-130	1953009	12/30/19	01/01/20	EPA 8260B	
Surrogate: Bromofluorobenzene		96.2 %		70-130	1953009	12/30/19	01/01/20	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953003	12/30/19	12/30/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953003	12/30/19	12/30/19	EPA 8015D	
Surrogate: n-Nonane		84.5 %		50-200	1953003	12/30/19	12/30/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953009	12/30/19	01/01/20	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		98.9 %		70-130	1953009	12/30/19	01/01/20	EPA 8015D	
Surrogate: Toluene-d8		99.9 %		70-130	1953009	12/30/19	01/01/20	EPA 8015D	
Surrogate: Bromofluorobenzene		96.2 %		70-130	1953009	12/30/19	01/01/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1953014	12/31/19	01/02/20	EPA 300.0/9056A	
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Epic Energy	Project Name:	State J 517	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Michael Dean	01/03/20 11:54

**State J 517 South
P912079-03 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0500	mg/kg	2	1953009	12/30/19	01/03/20	EPA 8260B	
Toluene	3.62	0.0500	mg/kg	2	1953009	12/30/19	01/03/20	EPA 8260B	
Ethylbenzene	2.06	0.0500	mg/kg	2	1953009	12/30/19	01/03/20	EPA 8260B	
p,m-Xylene	10.8	0.100	mg/kg	2	1953009	12/30/19	01/03/20	EPA 8260B	
o-Xylene	4.26	0.0500	mg/kg	2	1953009	12/30/19	01/03/20	EPA 8260B	
Total Xylenes	15.1	0.0500	mg/kg	2	1953009	12/30/19	01/03/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98.5 %		70-130	1953009	12/30/19	01/03/20	EPA 8260B	
Surrogate: Toluene-d8		105 %		70-130	1953009	12/30/19	01/03/20	EPA 8260B	
Surrogate: Bromofluorobenzene		102 %		70-130	1953009	12/30/19	01/03/20	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	20500	125	mg/kg	5	1953003	12/30/19	12/30/19	EPA 8015D	
Oil Range Organics (C28-C40)	4070	250	mg/kg	5	1953003	12/30/19	12/30/19	EPA 8015D	
Surrogate: n-Nonane		650 %		50-200	1953003	12/30/19	12/30/19	EPA 8015D	S3

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	127	40.0	mg/kg	2	1953009	12/30/19	01/03/20	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		98.5 %		70-130	1953009	12/30/19	01/03/20	EPA 8015D	
Surrogate: Toluene-d8		105 %		70-130	1953009	12/30/19	01/03/20	EPA 8015D	
Surrogate: Bromofluorobenzene		102 %		70-130	1953009	12/30/19	01/03/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1953014	12/31/19	01/02/20	EPA 300.0/9056A	
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Epic Energy	Project Name:	State J 517	Reported: 01/03/20 11:54
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
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Batch 1953009 - Purge and Trap EPA 5030A

Blank (1953009-BLK1)

Prepared: 12/30/19 1 Analyzed: 01/01/20 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: 1,2-Dichloroethane-d4	0.493		"	0.500		98.6	70-130			
Surrogate: Toluene-d8	0.503		"	0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.456		"	0.500		91.2	70-130			

LCS (1953009-BS1)

Prepared: 12/30/19 1 Analyzed: 01/01/20 0

Benzene	2.19	0.0250	mg/kg	2.50		87.6	70-130			
Toluene	2.19	0.0250	"	2.50		87.6	70-130			
Ethylbenzene	2.29	0.0250	"	2.50		91.8	70-130			
p,m-Xylene	4.44	0.0500	"	5.00		88.8	70-130			
o-Xylene	2.21	0.0250	"	2.50		88.3	70-130			
Total Xylenes	6.65	0.0250	"	7.50		88.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		"	0.500		99.8	70-130			
Surrogate: Toluene-d8	0.508		"	0.500		102	70-130			
Surrogate: Bromofluorobenzene	0.496		"	0.500		99.1	70-130			

Matrix Spike (1953009-MS1)

Source: P912078-01

Prepared: 12/30/19 1 Analyzed: 01/01/20 0

Benzene	2.20	0.0250	mg/kg	2.50	ND	87.9	48-131			
Toluene	2.23	0.0250	"	2.50	ND	89.3	48-130			
Ethylbenzene	2.31	0.0250	"	2.50	ND	92.6	45-135			
p,m-Xylene	4.45	0.0500	"	5.00	ND	89.1	43-135			
o-Xylene	2.21	0.0250	"	2.50	ND	88.6	43-135			
Total Xylenes	6.67	0.0250	"	7.50	ND	88.9	43-135			
Surrogate: 1,2-Dichloroethane-d4	0.507		"	0.500		101	70-130			
Surrogate: Toluene-d8	0.517		"	0.500		103	70-130			
Surrogate: Bromofluorobenzene	0.501		"	0.500		100	70-130			

Matrix Spike Dup (1953009-MSD1)

Source: P912078-01

Prepared: 12/30/19 1 Analyzed: 01/01/20 0

Benzene	2.24	0.0250	mg/kg	2.50	ND	89.8	48-131	2.12	23	
Toluene	2.36	0.0250	"	2.50	ND	94.5	48-130	5.63	24	
Ethylbenzene	2.46	0.0250	"	2.50	ND	98.4	45-135	6.12	27	
p,m-Xylene	4.74	0.0500	"	5.00	ND	94.7	43-135	6.10	27	
o-Xylene	2.37	0.0250	"	2.50	ND	94.7	43-135	6.66	27	
Total Xylenes	7.10	0.0250	"	7.50	ND	94.7	43-135	6.29	27	
Surrogate: 1,2-Dichloroethane-d4	0.482		"	0.500		96.4	70-130			
Surrogate: Toluene-d8	0.520		"	0.500		104	70-130			
Surrogate: Bromofluorobenzene	0.513		"	0.500		103	70-130			

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Epic Energy	Project Name:	State J 517	Reported: 01/03/20 11:54
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
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Batch 1953003 - DRO Extraction EPA 3570

Blank (1953003-BLK1)

Prepared: 12/30/19 0 Analyzed: 12/30/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	47.1		"	50.0		94.3	50-200			

LCS (1953003-BS1)

Prepared: 12/30/19 0 Analyzed: 12/30/19 1

Diesel Range Organics (C10-C28)	461	25.0	mg/kg	500		92.2	38-132			
Surrogate: n-Nonane	47.6		"	50.0		95.2	50-200			

Matrix Spike (1953003-MS1)

Source: P912078-01

Prepared: 12/30/19 0 Analyzed: 12/30/19 2

Diesel Range Organics (C10-C28)	663	25.0	mg/kg	500	148	103	38-132			
Surrogate: n-Nonane	56.9		"	50.0		114	50-200			

Matrix Spike Dup (1953003-MSD1)

Source: P912078-01

Prepared: 12/30/19 0 Analyzed: 12/30/19 2

Diesel Range Organics (C10-C28)	622	25.0	mg/kg	500	148	94.9	38-132	6.25	20	
Surrogate: n-Nonane	56.6		"	50.0		113	50-200			

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Epic Energy	Project Name:	State J 517	Reported: 01/03/20 11:54
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
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Batch 1953009 - Purge and Trap EPA 5030A

Blank (1953009-BLK1)

Prepared: 12/30/19 1 Analyzed: 01/01/20 0

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.493		"	0.500		98.6	70-130			
Surrogate: Toluene-d8	0.503		"	0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.456		"	0.500		91.2	70-130			

LCS (1953009-BS2)

Prepared: 12/30/19 1 Analyzed: 01/01/20 0

Gasoline Range Organics (C6-C10)	52.9	20.0	mg/kg	50.0		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		"	0.500		101	70-130			
Surrogate: Toluene-d8	0.510		"	0.500		102	70-130			
Surrogate: Bromofluorobenzene	0.484		"	0.500		96.7	70-130			

Matrix Spike (1953009-MS2)

Source: P912078-01

Prepared: 12/30/19 1 Analyzed: 01/01/20 0

Gasoline Range Organics (C6-C10)	53.0	20.0	mg/kg	50.0	ND	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		"	0.500		95.5	70-130			
Surrogate: Toluene-d8	0.502		"	0.500		100	70-130			
Surrogate: Bromofluorobenzene	0.487		"	0.500		97.4	70-130			

Matrix Spike Dup (1953009-MSD2)

Source: P912078-01

Prepared: 12/30/19 1 Analyzed: 01/01/20 0

Gasoline Range Organics (C6-C10)	53.6	20.0	mg/kg	50.0	ND	107	70-130	1.18	20	
Surrogate: 1,2-Dichloroethane-d4	0.494		"	0.500		98.8	70-130			
Surrogate: Toluene-d8	0.503		"	0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.492		"	0.500		98.4	70-130			

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Epic Energy	Project Name:	State J 517	Reported: 01/03/20 11:54
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 1953014 - Anion Extraction EPA 300.0/9056A										
Blank (1953014-BLK1)										
Chloride	ND	20.0	mg/kg							Prepared: 12/31/19 1 Analyzed: 01/02/20 1
LCS (1953014-BS1)										
Chloride	251	20.0	mg/kg	250		100	90-110			Prepared: 12/31/19 1 Analyzed: 01/02/20 1
Matrix Spike (1953014-MS1)										
Chloride	338	20.0	mg/kg	250	57.5	112	80-120			Source: P912078-01 Prepared: 12/31/19 1 Analyzed: 01/02/20 1
Matrix Spike Dup (1953014-MSD1)										
Chloride	341	20.0	mg/kg	250	57.5	114	80-120	1.06	20	Source: P912078-01 Prepared: 12/31/19 1 Analyzed: 01/02/20 1

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.

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Epic Energy	Project Name:	State J 517	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Michael Dean	01/03/20 11:54

Notes and Definitions

S3 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

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.

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Analytical Report

Report Summary

Client: Epic Energy

Samples Received: 4/8/2020

Job Number: 18012-0006

Work Order: P004023

Project Name/Location: State J 517 TB South

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a horizontal line.

Date: 4/13/20

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.
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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	Project Name:	State J 517 TB South	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Michael Dean	04/13/20 12:00

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
State J 517 TB South	P004023-01A	Soil	04/08/20	04/08/20	Glass Jar, 4 oz.

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Epic Energy	Project Name:	State J 517 TB South	Reported: 04/13/20 12:00
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Michael Dean	

**State J 517 TB South
P004023-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	2015020	04/09/20	04/10/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2015020	04/09/20	04/10/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2015020	04/09/20	04/10/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2015020	04/09/20	04/10/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2015020	04/09/20	04/10/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2015020	04/09/20	04/10/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		107 %		50-150	2015020	04/09/20	04/10/20	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2015016	04/10/20	04/10/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2015016	04/10/20	04/10/20	EPA 8015D	
Surrogate: n-Nonane		90.6 %		50-200	2015016	04/10/20	04/10/20	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2015020	04/09/20	04/10/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.4 %		50-150	2015020	04/09/20	04/10/20	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	2015022	04/09/20	04/09/20	EPA 300.0/9056A	
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Epic Energy	Project Name:	State J 517 TB South	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Michael Dean	04/13/20 12:00

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
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Batch 2015020 - Purge and Trap EPA 5030A

Blank (2015020-BLK1)

Prepared: 04/09/20 0 Analyzed: 04/09/20 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: 4-Bromochlorobenzene-PID	8.50		"	8.00		106	50-150			

LCS (2015020-BS1)

Prepared: 04/09/20 0 Analyzed: 04/09/20 2

Benzene	4.11	0.0250	mg/kg	5.00		82.2	70-130			
Toluene	4.43	0.0250	"	5.00		88.6	70-130			
Ethylbenzene	4.45	0.0250	"	5.00		89.0	70-130			
p,m-Xylene	8.85	0.0500	"	10.0		88.5	70-130			
o-Xylene	4.45	0.0250	"	5.00		88.9	70-130			
Total Xylenes	13.3	0.0250	"	15.0		88.6	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.64		"	8.00		108	50-150			

Matrix Spike (2015020-MS1)

Source: P004011-03

Prepared: 04/09/20 0 Analyzed: 04/09/20 2

Benzene	4.57	0.0250	mg/kg	5.00	ND	91.5	54.3-133			
Toluene	4.94	0.0250	"	5.00	ND	98.8	61.4-130			
Ethylbenzene	4.99	0.0250	"	5.00	ND	99.8	61.4-133			
p,m-Xylene	9.91	0.0500	"	10.0	ND	99.1	63.3-131			
o-Xylene	4.95	0.0250	"	5.00	ND	99.1	63.3-131			
Total Xylenes	14.9	0.0250	"	15.0	ND	99.1	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.71		"	8.00		109	50-150			

Matrix Spike Dup (2015020-MSD1)

Source: P004011-03

Prepared: 04/09/20 0 Analyzed: 04/10/20 0

Benzene	4.42	0.0250	mg/kg	5.00	ND	88.4	54.3-133	3.41	20	
Toluene	4.76	0.0250	"	5.00	ND	95.2	61.4-130	3.74	20	
Ethylbenzene	4.82	0.0250	"	5.00	ND	96.4	61.4-133	3.45	20	
p,m-Xylene	9.56	0.0500	"	10.0	ND	95.6	63.3-131	3.59	20	
o-Xylene	4.78	0.0250	"	5.00	ND	95.6	63.3-131	3.57	20	
Total Xylenes	14.3	0.0250	"	15.0	ND	95.6	0-200	3.59	200	
Surrogate: 4-Bromochlorobenzene-PID	8.69		"	8.00		109	50-150			

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Epic Energy	Project Name:	State J 517 TB South	Reported: 04/13/20 12:00
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
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Batch 2015016 - DRO Extraction EPA 3570

Blank (2015016-BLK1)

Prepared & Analyzed: 04/09/20 0

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	44.4		"	50.0		88.8	50-200			

LCS (2015016-BS1)

Prepared: 04/09/20 0 Analyzed: 04/09/20 1

Diesel Range Organics (C10-C28)	471	25.0	mg/kg	500		94.2	38-132			
Surrogate: n-Nonane	47.3		"	50.0		94.7	50-200			

Matrix Spike (2015016-MS1)

Source: P004024-07

Prepared: 04/09/20 0 Analyzed: 04/09/20 1

Diesel Range Organics (C10-C28)	520	25.0	mg/kg	500	30.3	97.9	38-132			
Surrogate: n-Nonane	44.7		"	50.0		89.3	50-200			

Matrix Spike Dup (2015016-MSD1)

Source: P004024-07

Prepared: 04/09/20 0 Analyzed: 04/09/20 2

Diesel Range Organics (C10-C28)	531	25.0	mg/kg	500	30.3	100	38-132	2.08	20	
Surrogate: n-Nonane	49.8		"	50.0		99.6	50-200			

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Epic Energy	Project Name:	State J 517 TB South	Reported: 04/13/20 12:00
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
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Batch 2015020 - Purge and Trap EPA 5030A

Blank (2015020-BLK1)

Prepared: 04/09/20 0 Analyzed: 04/09/20 2

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		"	8.00		88.5	50-150			

LCS (2015020-BS2)

Prepared: 04/09/20 0 Analyzed: 04/09/20 2

Gasoline Range Organics (C6-C10)	44.9	20.0	mg/kg	50.0		89.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.10		"	8.00		88.7	50-150			

Matrix Spike (2015020-MS2)

Source: P004011-03

Prepared: 04/09/20 0 Analyzed: 04/10/20 0

Gasoline Range Organics (C6-C10)	46.5	20.0	mg/kg	50.0	ND	92.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		"	8.00		88.5	50-150			

Matrix Spike Dup (2015020-MSD2)

Source: P004011-03

Prepared: 04/09/20 0 Analyzed: 04/10/20 0

Gasoline Range Organics (C6-C10)	49.8	20.0	mg/kg	50.0	ND	99.7	70-130	6.98	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		"	8.00		90.6	50-150			

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Epic Energy	Project Name:	State J 517 TB South	Reported: 04/13/20 12:00
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 2015022 - Anion Extraction EPA 300.0/9056A										
Blank (2015022-BLK1)				Prepared: 04/09/20 0 Analyzed: 04/09/20 2						
Chloride	ND	20.0	mg/kg							
LCS (2015022-BS1)				Prepared: 04/09/20 0 Analyzed: 04/09/20 2						
Chloride	249	20.0	mg/kg	250		99.5	90-110			
Matrix Spike (2015022-MS1)				Source: P004025-01 Prepared: 04/09/20 0 Analyzed: 04/09/20 2						
Chloride	254	20.0	mg/kg	250	ND	102	80-120			
Matrix Spike Dup (2015022-MSD1)				Source: P004025-01 Prepared: 04/09/20 0 Analyzed: 04/09/20 2						
Chloride	254	20.0	mg/kg	250	ND	102	80-120	0.102	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.

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Epic Energy	Project Name:	State J 517 TB South	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Michael Dean	04/13/20 12:00

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.

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Project Information

Chain of Custody

Page 1 of 6

Client: <u>EDIC ENERGY LLC</u>		Report Attention		Lab Use Only		TAT		EPA Program	
Project: <u>STATE 3517 TB SOUTH</u>		Report due by: <u>4-17-20</u>		Lab WO# <u>P004023</u>		Job Number <u>18012-0006</u>		1D 3D RCRA CWA SDWA	
Project Manager: <u>MICHAEL L DEAN</u>		Attention: <u>VANESSA FIELDS</u>							
Address: <u>7415 E MAIN STREET</u>		Address: <u>7415 E MAIN</u>							
City, State, Zip <u>FARMINGTON N.M. 87401</u>		City, State, Zip <u>FARMINGTON N.M. 87401</u>						State	
Phone: <u>505-860-0481</u>		Phone: <u>505-787-9100</u>						NM CO UT AZ	
Email: <u>MICHAEL.DEAN@WALSHENG.NET</u>		Email: <u>VANESSA@WALSHENG.NET</u>						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
9:11AM	4-8-20	S	6	STATE 3517 TB SOUTH	1	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 mislabeling 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) <u>Michael Dean</u>	Date <u>4-8-20</u>	Time <u>3:30 PM</u>	Received by: (Signature) <u>Raisa Lopez</u>	Date <u>4/8/20</u>	Time <u>15:30</u>	Lab Use Only
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <u>Y</u> / N
						T1 _____ T2 _____ T3 _____
						AVG Temp °C <u>4</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.



5796 US Highway 64, Farmington, NM 87401
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

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Ph (970) 259-0615 Fx (800) 362-1879



From: [Vanessa Fields](#)
To: [Smith, Cory, EMNRD](#)
Subject: RE: Extension Request on Epic Energy State J 5&J7 tank Battery nCS1932437061
Date: Thursday, March 19, 2020 7:35:00 AM

Thank you Cory!

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: Thursday, March 19, 2020 7:31 AM
To: Vanessa Fields <vanessa@walsheng.net>
Subject: RE: Extension Request on Epic Energy State J 5&J7 tank Battery nCS1932437061

Vanessa,

Sorry I missed your call yesterday I was in a meeting and forgot to return it!.

OCD approves your extension request for nCS1932437061 please submit the report no later than April 20, 2020

Thank you,

From: Vanessa Fields <vanessa@walsheng.net>
Sent: Wednesday, March 18, 2020 2:19 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Subject: [EXT] RE: Extension Request on Epic Energy State J 5&J7 tank Battery nCS1932437061

Good afternoon Cory,

I am on in a mandated self-quarantine and will need a little more time to collect the final sample on the State J 5&7. The south portion is the only area that will need sampled.

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, March 10, 2020 2:08 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Adeloye, Abiodun <aadeloye@blm.gov>; Michael Dean <michael.dean@walsheng.net>
Subject: RE: Extension Request on Epic Energy State J 5&J7 tank Battery nCS1932437061

Good afternoon,

Due to weather Epic Energy is rescheduling the refenced sampling to Friday March 13, 2020.

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, March 9, 2020 9:36 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Adeloye, Abiodun <aadeloye@blm.gov>; Michael Dean <michael.dean@walsheng.net>
Subject: RE: Extension Request on Epic Energy State J 5&J7 tank Battery nCS1932437061

Good morning,

Epic Energy request final confirmation sampling for the State J 5 &J7 for Wednesday March 11, 2020 at 9:00am. Epic Energy will sample the Lybrook Federal #004 following the State J5&J7 sampling. The Federal #004 was a release from a BGT removal.

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: Monday, January 13, 2020 10:21 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Subject: RE: Extension Request on Epic Energy State J 5&J7 tank Battery nCS1932437061

Thank you very much. I will include this in the final C-141.

Thank you,

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: Monday, January 13, 2020 10:11 AM
To: Vanessa Fields <vanessa@walsheng.net>
Subject: RE: Extension Request on Epic Energy State J 5&J7 tank Battery nCS1932437061

Vanessa,

OCD approves Epics Energy request for additional remediation time due to weather. The completed closure plan is must be uploaded to the OCD portal no later than March 23, 2020.

Please include this approval in your Closure report.

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: Wednesday, January 8, 2020 3:14 PM

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

Subject: [EXT] Extension Request on Epic Energy State J 5&J7 tank Battery nCS1932437061

Good afternoon Cory,

Epic Energy is requesting a 60 day extension to continue remediation efforts on the State J5 & J7 tank battery due to continual hydrocarbons being identified and weather permitting. The north and middle sections of the excavation were non-detect. However, the South portion of the release area continues to display high hydrocarbons.

Thank you,

Vanessa Fields

Regulatory Compliance Manager

Walsh Engineering /Epic Energy LLC.

O: 505-327-4892

C: 505-787-9100

vanessa@walsheng.net







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 202301

CONDITIONS

Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410	OGRID: 372834
	Action Number: 202301
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	5/2/2023