

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	NCS2012255368
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EPIC Energy L.L.C	OGRID 372834
Contact Name Vanessa Fields	Contact Telephone 505-787-9100
Contact email vanessa@walsheng.net	Incident # (assigned by OCD) not assigned NCS2012255368
Contact mailing address 7415 East Main Street Farmington, NM 87402	

Location of Release Source

Latitude 36.3001595 Longitude -107.5218811
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Lybrook Federal #004	Site Type Oil
Date Release Discovered 11/22/2019	API# (if applicable) 30-039-24894

Unit Letter	Section	Township	Range	County
H	24	24N	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 type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Analytical results from BGT removal of sample collected 5' BGS determined analytical results were above regulatory standards. Epic Energy remediated to 19.15.29 standards. Final C-144 Closed and approved by NMOCD.

State of New Mexico
Oil Conservation Division

Incident ID	NCS2012255368
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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc.)? 	

Initial Response

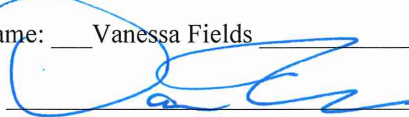
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- ☒ 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 Compliance Manager
 Signature:  Date: 11/1/2020
 email: vanessa@walsheng.net Telephone: 505-787-9100

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NCS2012255368
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Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?

50 (ft Bgs)

Did this release impact groundwater or surface water?

☐ Yes ☒ No

Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?

☐ Yes ☒ No

Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?

☒ Yes ☐ No

Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?

☐ Yes ☒ No

Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?

☐ Yes ☒ No

Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?

☐ Yes ☒ No

Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?

☐ Yes ☒ No

Are the lateral extents of the release within 300 feet of a wetland?

☐ Yes ☒ No

Are the lateral extents of the release overlying a subsurface mine?

☐ Yes ☒ No

Are the lateral extents of the release overlying an unstable area such as karst geology?

☐ Yes ☒ No

Are the lateral extents of the release within a 100-year floodplain?

☐ Yes ☒ No

Did the release impact areas **not** on an exploration, development, production, or storage site?

☐ Yes ☒ No

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

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

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ 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	NCS2012255368
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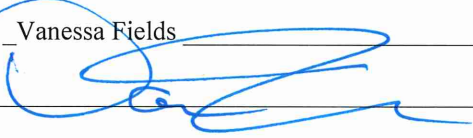
Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Vanessa Fields Title: Regulatory Compliance Manager
Signature:  Date: 11/01/2020
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.

Conditional Approval - see note within email.

Closure Approved by: Nelson Velez Date: 10/04/2021
Printed Name: Nelson Velez Title: Environmental Specialist - Adv

Vanessa Fields

From: Vanessa Fields
Sent: Friday, July 10, 2020 2:23 PM
To: Smith, Cory, EMNRD; Adeloye, Abiodun A
Cc: Vern Andrews; John Hampton Jr; Michael Dean
Subject: 48 Hour Notification Sampling Lybrook Federal #004 INC#NCS2012255368

Good afternoon,

Epic Energy will be conducting final confirmation sampling Tuesday July 14, 2020 at 9:00am.

30-039-24894 LYBROOK FED. #004 [325441]

General Well Information

Operator: [372834] EPIC ENERGY, L.L.C.
Status: Active
Well Type: Gas
Work Type: New

Surface Location: H-24-24N-07W 1749 FNL 890 FEL
Lat/Long: 36.3001595,-107.5218811 NAD83
GL Elevation: 6622
KB Elevation:
DF Elevation:

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

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



Analytical Report

Report Summary

Client: Epic Energy
Samples Received: 7/14/2020
Job Number: 18012-0006
Work Order: P007031
Project Name/Location: Lybrook Federal #4

Report Reviewed By:

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

Date: 7/21/20

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:	Lybrook Federal #4	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Michael Dean	07/21/20 12:36

Sample Summary

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Lybrook Federal Bottom	P007031-01A	Soil	07/14/20	07/14/20	Glass Jar, 4 oz.
Lybrook Federal South East	P007031-02A	Soil	07/14/20	07/14/20	Glass Jar, 4 oz.
Lybrook Federal North West	P007031-03A	Soil	07/14/20	07/14/20	Glass Jar, 4 oz.

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Epic Energy
7420 Main Street
Farmington NM, 87402

Project Name: Lybrook Federal #4
Project Number: 18012-0006
Project Manager: Michael Dean

Reported:
07/21/20 12:36

**Lybrook Federal Bottom
P007031-01 (Solid)**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch: 2029018
Benzene	ND	0.0250	1	07/17/20	07/17/20	
Toluene	ND	0.0250	1	07/17/20	07/17/20	
Ethylbenzene	ND	0.0250	1	07/17/20	07/17/20	
p,m-Xylene	ND	0.0500	1	07/17/20	07/17/20	
o-Xylene	ND	0.0250	1	07/17/20	07/17/20	
Total Xylenes	ND	0.0250	1	07/17/20	07/17/20	
Surrogate: 4-Bromochlorobenzene-PID	101 %	50-150		07/17/20	07/17/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch: 2029018
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/20	07/17/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.7 %	50-150		07/17/20	07/17/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch: 2029023
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/20	07/17/20	
Oil Range Organics (C28-C40)	ND	50.0	1	07/17/20	07/17/20	
Surrogate: n-Nonane	99.8 %	50-200		07/17/20	07/17/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch: 2029016
Chloride	ND	20.0	1	07/17/20	07/17/20	

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Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com





Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Lybrook Federal #4 Project Number: 18012-0006 Project Manager: Michael Dean	Reported: 07/21/20 12:36
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**Lybrook Federal South East
P007031-02 (Solid)**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch: 2029018
Benzene	ND	0.0250	1	07/17/20	07/17/20	
Toluene	ND	0.0250	1	07/17/20	07/17/20	
Ethylbenzene	ND	0.0250	1	07/17/20	07/17/20	
p,m-Xylene	ND	0.0500	1	07/17/20	07/17/20	
o-Xylene	ND	0.0250	1	07/17/20	07/17/20	
Total Xylenes	ND	0.0250	1	07/17/20	07/17/20	
Surrogate: 4-Bromochlorobenzene-PID	100 %	50-150		07/17/20	07/17/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch: 2029018
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/20	07/17/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.5 %	50-150		07/17/20	07/17/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch: 2029023
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/20	07/17/20	
Oil Range Organics (C28-C40)	ND	50.0	1	07/17/20	07/17/20	
Surrogate: n-Nonane	100 %	50-200		07/17/20	07/17/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch: 2029016
Chloride	ND	20.0	1	07/17/20	07/17/20	

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Epic Energy	Project Name:	Lybrook Federal #4	Reported: 07/21/20 12:36
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Michael Dean	

**Lybrook Federal North West
P007031-03 (Solid)**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg				Batch: 2029018
Benzene	ND	0.0250	1	07/17/20	07/17/20	
Toluene	ND	0.0250	1	07/17/20	07/17/20	
Ethylbenzene	ND	0.0250	1	07/17/20	07/17/20	
p,m-Xylene	ND	0.0500	1	07/17/20	07/17/20	
o-Xylene	ND	0.0250	1	07/17/20	07/17/20	
Total Xylenes	ND	0.0250	1	07/17/20	07/17/20	
Surrogate: 4-Bromochlorobenzene-PID	102 %	50-150		07/17/20	07/17/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg				Batch: 2029018
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/20	07/17/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.1 %	50-150		07/17/20	07/17/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg				Batch: 2029023
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/20	07/17/20	
Oil Range Organics (C28-C40)	ND	50.0	1	07/17/20	07/17/20	
Surrogate: n-Nonane	96.7 %	50-200		07/17/20	07/17/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg				Batch: 2029016
Chloride	ND	20.0	1	07/17/20	07/17/20	

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Epic Energy	Project Name:	Lybrook Federal #4	Reported: 07/21/20 12:36
7420 Main Street	Project Number:	18012-0006	
Farmington NM, 87402	Project Manager:	Michael Dean	

Volatile Organics by EPA 8021B - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2029018-BLK1)

Prepared: 07/17/20 0 Analyzed: 07/17/20 1

Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.19		8.00		102	50-150			

LCS (2029018-BS1)

Prepared: 07/17/20 0 Analyzed: 07/17/20 1

Benzene	4.67	0.0250	5.00		93.3	70-130			
Toluene	4.96	0.0250	5.00		99.3	70-130			
Ethylbenzene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
o-Xylene	5.11	0.0250	5.00		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.55		8.00		107	50-150			

Matrix Spike (2029018-MS1)

Source: P007031-01

Prepared: 07/17/20 0 Analyzed: 07/17/20 1

Benzene	4.62	0.0250	5.00	ND	92.3	54.3-133			
Toluene	4.92	0.0250	5.00	ND	98.3	61.4-130			
Ethylbenzene	5.01	0.0250	5.00	ND	100	61.4-133			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63.3-131			
o-Xylene	5.04	0.0250	5.00	ND	101	63.3-131			
Total Xylenes	15.1	0.0250	15.0	ND	101	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.29		8.00		104	50-150			

Matrix Spike Dup (2029018-MSD1)

Source: P007031-01

Prepared: 07/17/20 0 Analyzed: 07/17/20 1

Benzene	4.66	0.0250	5.00	ND	93.1	54.3-133	0.896	20	
Toluene	4.96	0.0250	5.00	ND	99.1	61.4-130	0.813	20	
Ethylbenzene	5.06	0.0250	5.00	ND	101	61.4-133	0.865	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63.3-131	0.827	20	
o-Xylene	5.10	0.0250	5.00	ND	102	63.3-131	1.18	20	
Total Xylenes	15.2	0.0250	15.0	ND	102	0-200	0.946	200	
Surrogate: 4-Bromochlorobenzene-PID	8.23		8.00		103	50-150			

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Epic Energy 7420 Main Street Farmington NM, 87402	Project Name: Lybrook Federal #4 Project Number: 18012-0006 Project Manager: Michael Dean	Reported: 07/21/20 12:36
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Nonhalogenated Organics by EPA 8015D - GRO - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2029018-BLK1)

Prepared: 07/17/20 0 Analyzed: 07/17/20 1

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	50-150			

LCS (2029018-BS2)

Prepared: 07/17/20 0 Analyzed: 07/17/20 1

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	50-150			

Matrix Spike (2029018-MS2)

Source: P007031-01 Prepared: 07/17/20 0 Analyzed: 07/17/20 1

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	50-150			

Matrix Spike Dup (2029018-MSD2)

Source: P007031-01 Prepared: 07/17/20 0 Analyzed: 07/17/20 1

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.4	70-130	0.430	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	50-150			

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Epic Energy	Project Name:	Lybrook Federal #4	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Michael Dean	07/21/20 12:36

Nonhalogenated Organics by EPA 8015D - DRO/ORO - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2029023-BLK1)

Prepared: 07/17/20 0 Analyzed: 07/17/20 1

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C40)	ND	50.0							
Surrogate: n-Nonane	54.6		50.0		109	50-200			

LCS (2029023-BS1)

Prepared: 07/17/20 0 Analyzed: 07/17/20 1

Diesel Range Organics (C10-C28)	510	25.0	500		102	38-132			
Surrogate: n-Nonane	53.4		50.0		107	50-200			

Matrix Spike (2029023-MS1)

Source: P007031-01 Prepared: 07/17/20 0 Analyzed: 07/17/20 1

Diesel Range Organics (C10-C28)	509	25.0	500	ND	102	38-132			
Surrogate: n-Nonane	48.6		50.0		97.1	50-200			

Matrix Spike Dup (2029023-MSD1)

Source: P007031-01 Prepared: 07/17/20 0 Analyzed: 07/17/20 1

Diesel Range Organics (C10-C28)	500	25.0	500	ND	99.9	38-132	1.83	20	
Surrogate: n-Nonane	50.2		50.0		100	50-200			

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Epic Energy	Project Name:	Lybrook Federal #4	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Michael Dean	07/21/20 12:36

Anions by EPA 300.0/9056A - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2029016-BLK1)					Prepared & Analyzed: 07/17/20 1				
Chloride	ND	20.0							
LCS (2029016-BS1)					Prepared & Analyzed: 07/17/20 1				
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2029016-MS1)					Source: P007031-01 Prepared & Analyzed: 07/17/20 1				
Chloride	249	20.0	250	ND	99.5	80-120			
Matrix Spike Dup (2029016-MSD1)					Source: P007031-01 Prepared & Analyzed: 07/17/20 1				
Chloride	249	20.0	250	ND	99.6	80-120	0.100	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:	Lybrook Federal #4	
7420 Main Street	Project Number:	18012-0006	Reported:
Farmington NM, 87402	Project Manager:	Michael Dean	07/21/20 12:36

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 1

[illegible]

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

3/5/2020

nmwrrs.ose.state.nm.us/nmwrrs/ReportProxy?queryData=%7B"report"%3A"waterColumn"%2C%0A"BasinDiv"%3A"true"%2C%0A"Basin"...



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	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
SJ 00681 14		SJ	RA	3	4	24	24N	06W		282864	4019157*	127		
SJ 04279 POD2		SJ	RA	2	4	24	24N	06W		283225	4019476	45	34	11
SJ 04279 POD3		SJ	RA	2	4	24	24N	06W		283203	4019471	44	31	13
SJ 04279 POD4		SJ	RA	2	4	24	24N	06W		283212	4019475	49	37	12
SJ 04279 POD5		SJ	RA	2	4	24	24N	06W		283223	4019467	45	32	13
SJ 04279 POD6		SJ	RA	2	4	24	24N	06W		283210	4019461	45	32	13
SJ 04279 POD7		SJ	RA	2	4	24	24N	06W		283203	4019471	45	34	11
SJ 04279 POD8		SJ	RA	2	4	24	24N	06W		283211	4019467	34		

Average Depth to Water: 33 feet

Minimum Depth: 31 feet

Maximum Depth: 37 feet

Record Count: 8

PLSS Search:

Section(s): 24

Township: 24N

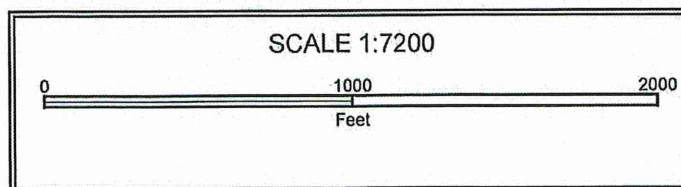
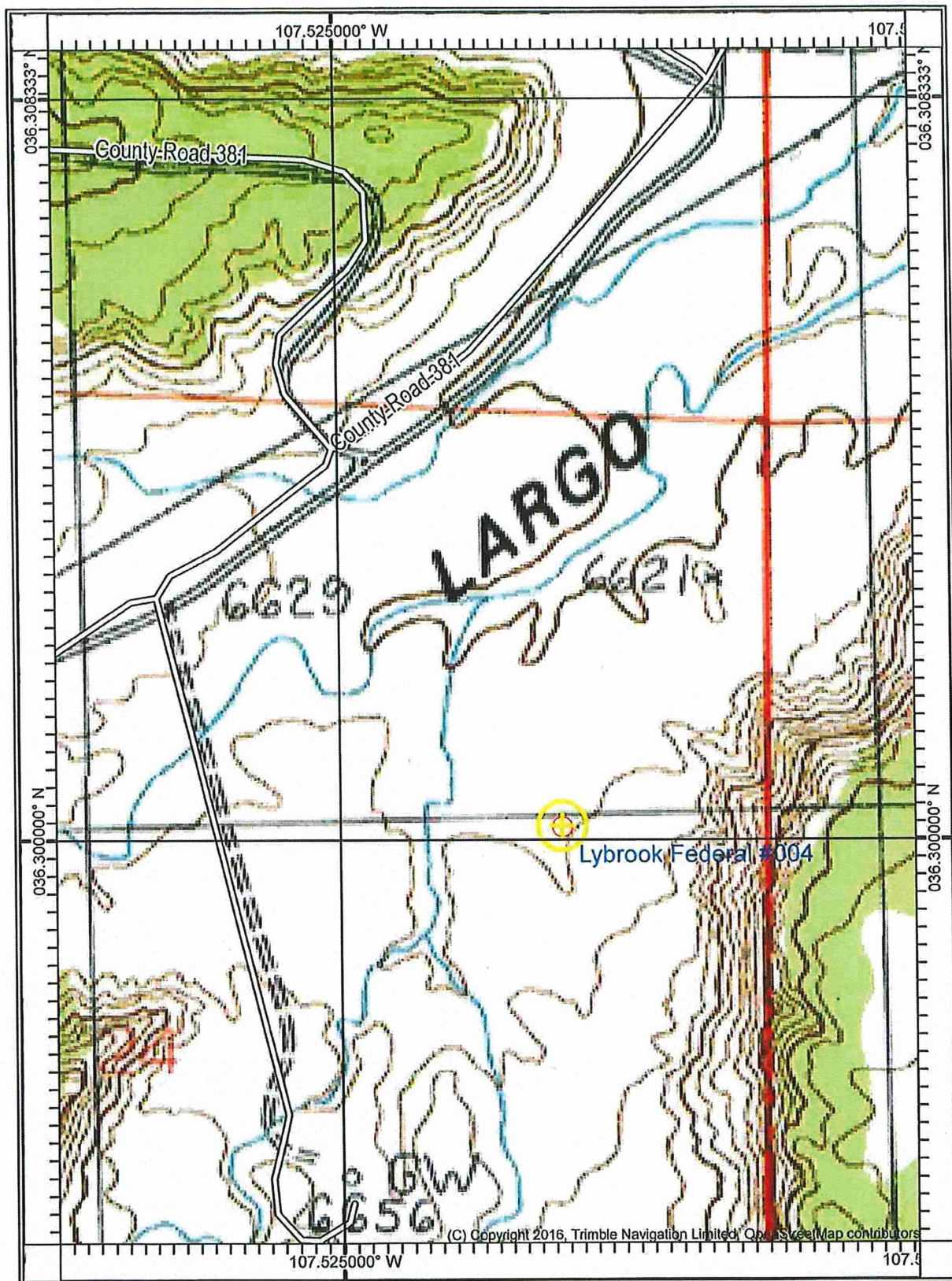
Range: 06W

*UTM location was derived from PLSS - see Help

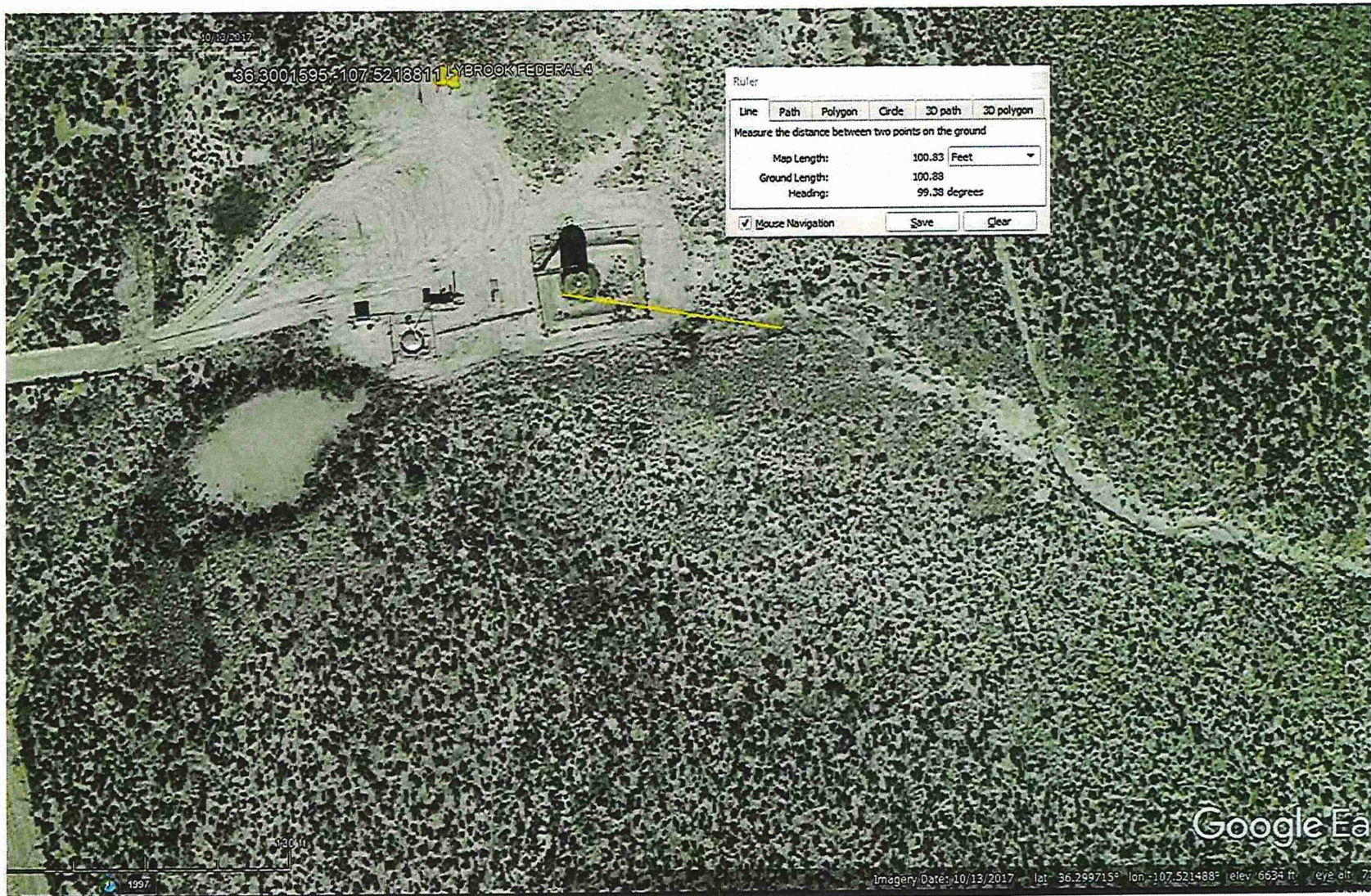
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

3/5/20 2:10 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



Lybrook Federal #004



New Mexico Office of the State Engineer
Point of Diversion Summary

Back

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

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
SJ 00681	25N	06W	21	4	1	4			

Driller Licence:

Driller Name: E.C. BARRY

Drill Start Date:

Log File Date:

Pump Type: WINDMI

Casing Size:

Depth Well:

Source:

Drill Finish Date: 05/04/1977

PCW Received Date:

Pipe Discharge Size:

Estimated Yield:

Depth Water: 80

Lybrook Federal #004
API 30-039-24894
Surface Water Map



Lybrook Federal #004 Sampling Map
Sampling area 42.72'
9x20x5 = 900' Total Sampling area



Lybrook Federal #004
API# 30-039-24894
Remediation Summary

Epic Energy representative arrived at the Lybrook Federal #004 on the morning of November 15, 2019 to remove the fiberglass BGT on the Lybrook Federal #004 Notification was made to the NMOCD and BLM of the requested time to remove the BGT. 1 -5-point composite sample was collected from the removal of the BGT. Analytical samples came back above regulatory standards. EPIC Energy followed 19.15.29 NMAC to remediate the Epic Energy began remediation efforts by removing the impacted soil (roughly 32 cubic yds). Impacted soil was transported to Envirotech Land Farm. Final C-144 was approved by the NMOCD on May 1, 2020 and assigned incident # NCS2012255368.


An initial C-141 is attached for Closure of the C-144 demonstrating a historical release. The NMOCD and BLM were notified of the release and given incident # NCS2012255368. Final Confirmation Sampling was conducted on July 10, 2020, (notification attached) the NMOCD nor the BLM were present for sampling. (3) 5 composite samples were collected each sampling area was 400sq feet quadrants with total square foot are of remediation of 9x20x 5 in northwest corner. All Analytical results were non-detect.

Sampling Data Table

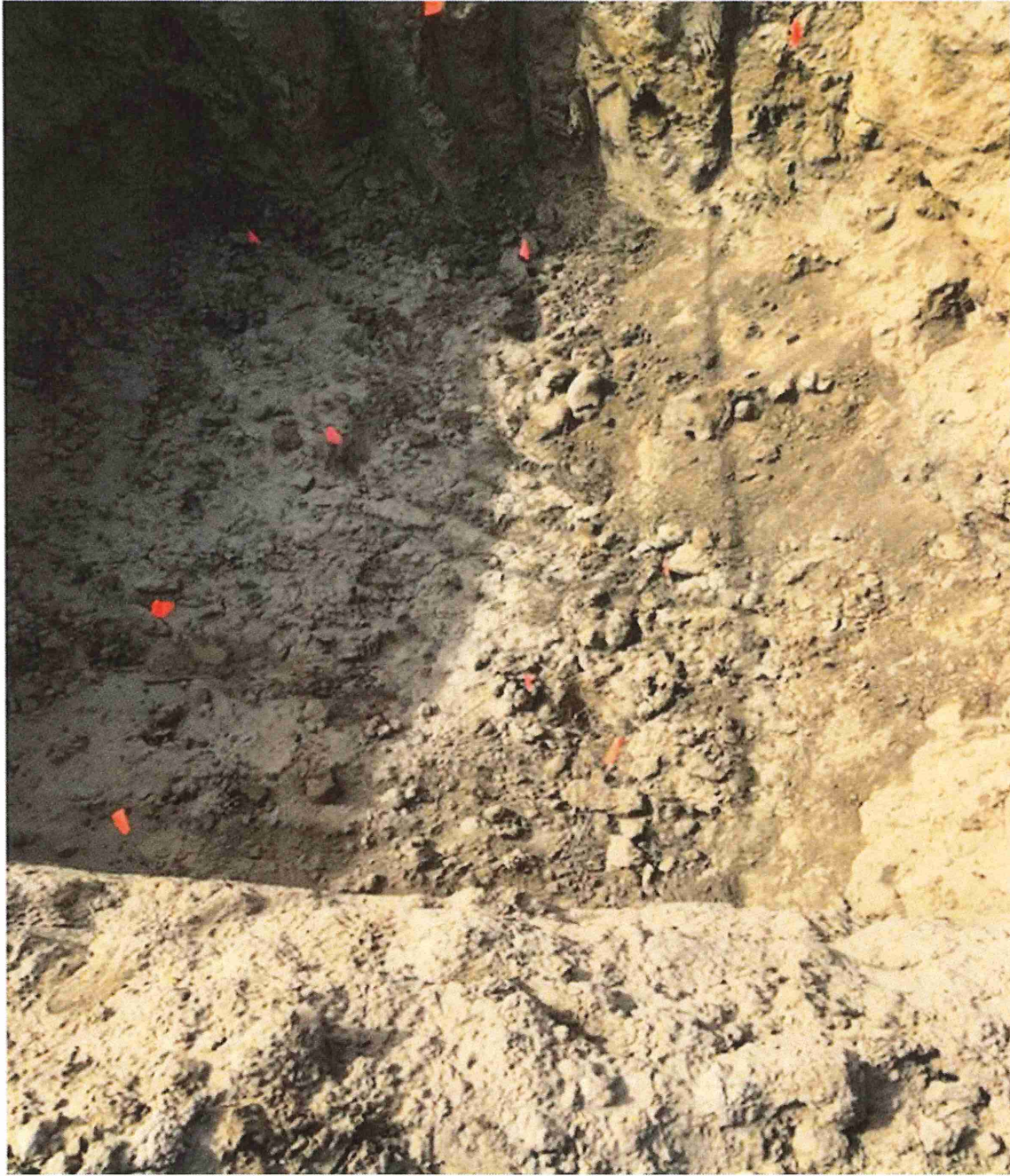
Benzene	BTEX	Gasoline Range Organics	Gasoline Range Organics	Gasoline Range Organics	Chloride
Bottom/Base	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
South East Wall	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
North West Wall	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect

NMOCD 19.29.15

Closure Standard Table 1

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 C1 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 C1 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 C1 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

Base 5- point Composite Sample

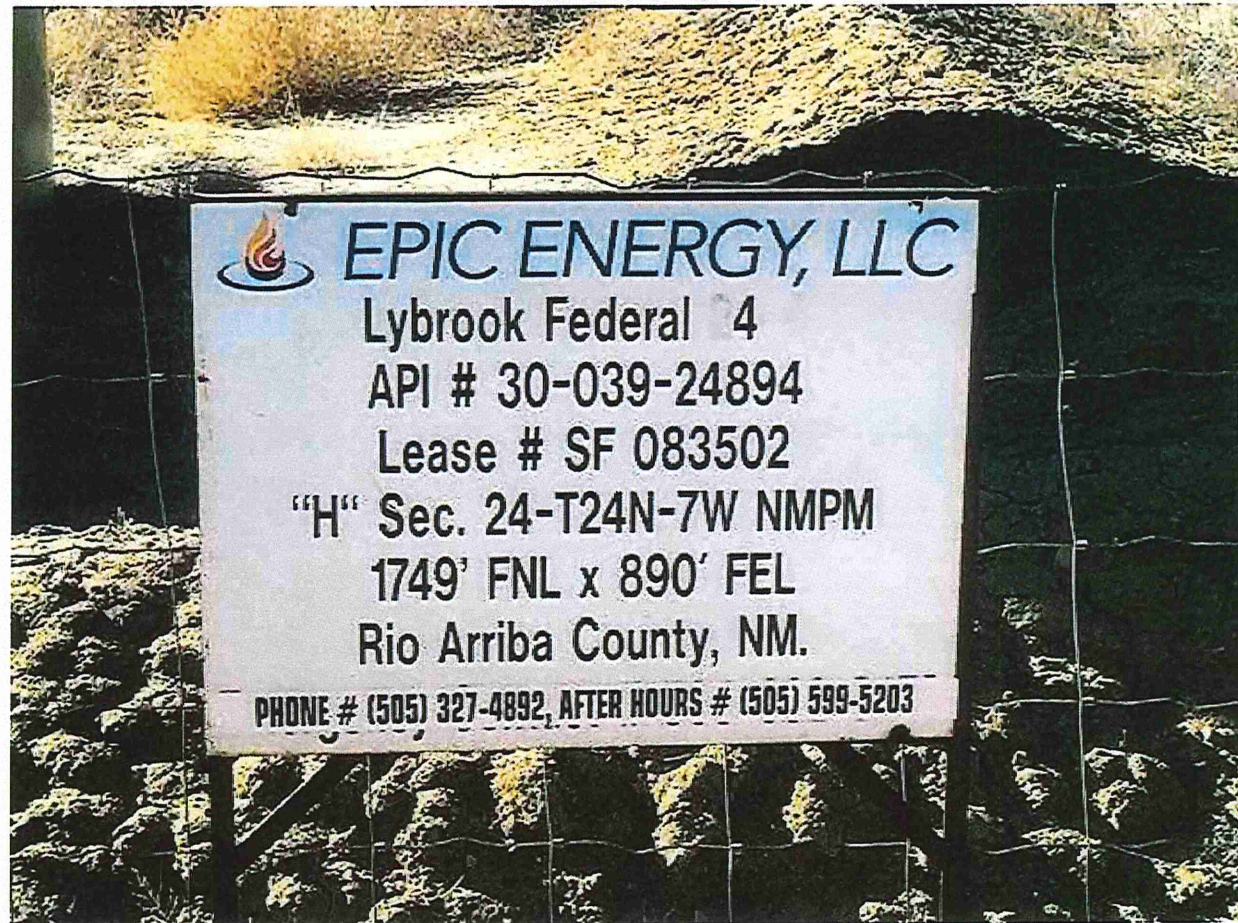


Northwest 5- point Composite Sample



Southwest 5- point Composite Sample





Lybrook Federal #004



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 11112

CONDITIONS

Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410	OGRID: 372834
	Action Number: 11112
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	1. Site must be reclaimed per 19.15.29.13 NMAC. 2. Future incidents meet required timeline. 3. Communication with NMOCD for anticipated delays or time extensions be recorded accordingly. 4. Check off applicable characterization report checklist items.	10/4/2021