

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    | NRM2034952669 |
| 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 <a href="mailto:vanessa@walsheng.net">vanessa@walsheng.net</a> | Incident # (assigned by OCD) NRM2034952669 |
| Contact mailing address 7415 East Main Street, Farmington, NM 87402          |  |

### Location of Release Source

Latitude ~~36.230633~~ <sup>NV</sup> 36.230384 Longitude ~~107.5416336~~ <sup>NV</sup> -107.541216  
(NAD 83 in decimal degrees to 5 decimal places)

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Site Name Lybrook South #001       | Site Type Oil                     |
| Date Release Discovered 11/30/2020 | API# (if applicable) 30-039-24537 |

| Unit Letter | Section | Township | Range | County     |
|-------------|---------|----------|-------|------------|
| B           | 14      | 23N      | 07W   | Rio Arriba |

Surface Owner:  State  Federal  Tribal  Private (Name: DJR Operating \_\_\_\_\_)

### 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) 11.33 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)                  |

State of New Mexico  
Oil Conservation Division

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Cause of Release

On Monday November 30, 2020 at 3:30 pm Epic Energy experienced a crude oil release of 11.33 BBLS due to dump valve dump malfunction. The oil release stayed on the pad and did not leave location/result in a fire, nor did in come into any contact with a waterway.

All impacted material was removed via a hydro vac truck and backhoe and was disposed of at JFJ Land farm. The freezing temperatures allowed for easy cleanup and little penetration into the ground surface.

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.

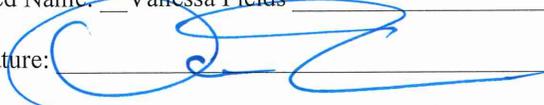
If all the actions described above have not been undertaken, explain why:

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.

State of New Mexico  
Oil Conservation Division

|                |               |
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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: 12/2/2020  
 email: vanessa@walsheng.net Telephone: 505-787-9100

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

|                |               |
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| Incident ID    | NRM2034952669 |
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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?   | NV<br><b>100'</b> |   | 1' (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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input 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 <b>not</b> 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 1/2-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

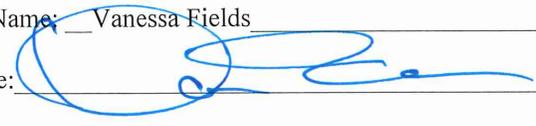
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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

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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: 3/1/2021

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

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Form C-141

State of New Mexico  
Oil Conservation Division

Page 6

|                |               |
|----------------|---------------|
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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 Manger

Signature:  Date: 3/1/2021

email: vanessa@walsheng.net Telephone: \_\_\_\_\_

**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: Nelson Velez Date: 10/05/2021

Printed Name: Nelson Velez Title: Environmental Specialist - Adv

**Vanessa Fields**

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**From:** Vanessa Fields  
**Sent:** Wednesday, December 16, 2020 1:43 PM  
**To:** Smith, Cory, EMNRD  
**Cc:** John Thompson; Vern Andrews; John Hampton Jr  
**Subject:** RE: EPIC Energy Final Confirmation Samples 11.33 BBL Crude Oil Lybrook South #001 minor release Sampling Notification Wednesday December 9, 2020 at 9:00am.

Thank you Cory!

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

---

**From:** Smith, Cory, EMNRD <Cory.Smith@state.nm.us>  
**Sent:** Wednesday, December 16, 2020 1:43 PM  
**To:** Vanessa Fields <vanessa@walsheng.net>  
**Cc:** John Thompson <john@walsheng.net>; Vern Andrews <vern@walsheng.net>; John Hampton Jr <jdhampton@walsheng.net>  
**Subject:** RE: EPIC Energy Final Confirmation Samples 11.33 BBL Crude Oil Lybrook South #001 minor release Sampling Notification Wednesday December 9, 2020 at 9:00am.

Vanessa,

Thank you for the pictures everything looks great!

**Cory Smith** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1000 Rio Brazos | Aztec, NM 87410  
505.334.6178 x115 | [Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>

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**From:** Vanessa Fields <vanessa@walsheng.net>  
**Sent:** Wednesday, December 16, 2020 10:56 AM  
**To:** Smith, Cory, EMNRD <Cory.Smith@state.nm.us>  
**Cc:** John Thompson <john@walsheng.net>; Vern Andrews <vern@walsheng.net>; John Hampton Jr <jdhampton@walsheng.net>  
**Subject:** [EXT] RE: EPIC Energy Final Confirmation Samples 11.33 BBL Crude Oil Lybrook South #001 minor release Sampling Notification Wednesday December 9, 2020 at 9:00am.

Please find attached the photos of the sample event.

Thank you,

**Vanessa Fields**

Regulatory Compliance Manager  
Walsh Engineering /Epic Energy LLC.  
O: 505-327-4892  
C: 505-787-9100  
[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

---

**From:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>  
**Sent:** Wednesday, December 16, 2020 10:09 AM  
**To:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>  
**Cc:** John Thompson <[john@walsheng.net](mailto:john@walsheng.net)>; Vern Andrews <[vern@walsheng.net](mailto:vern@walsheng.net)>; John Hampton Jr <[jdhampton@walsheng.net](mailto:jdhampton@walsheng.net)>  
**Subject:** RE: EPIC Energy Final Confirmation Samples 11.33 BBL Crude Oil Lybrook South #001 minor release Sampling Notification Wednesday December 9, 2020 at 9:00am.

Vanessa,

Yes please since Covid I cant get out would just like to take a look at the site.

**Cory Smith** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1000 Rio Brazos | Aztec, NM 87410  
505.334.6178 x115 | [Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>

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**From:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>  
**Sent:** Wednesday, December 16, 2020 7:48 AM  
**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>  
**Cc:** John Thompson <[john@walsheng.net](mailto:john@walsheng.net)>; Vern Andrews <[vern@walsheng.net](mailto:vern@walsheng.net)>; John Hampton Jr <[jdhampton@walsheng.net](mailto:jdhampton@walsheng.net)>  
**Subject:** [EXT] Re: EPIC Energy Final Confirmation Samples 11.33 BBL Crude Oil Lybrook South #001 minor release Sampling Notification Wednesday December 9, 2020 at 9:00am.

Good morning Cory,

I do. Are you requesting these in a email prior to the final C-141?

Thank you,  
Vanessa Fields  
Walsh Engineering & Production  
Sent from my iPhone

On Dec 16, 2020, at 7:37 AM, Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)> wrote:

Vanessa,

Thanks for the lab samples any chance you have the pictures from the sampling event?

**Cory Smith** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1000 Rio Brazos | Aztec, NM 87410  
505.334.6178 x115 | [Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>

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**From:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>  
**Sent:** Tuesday, December 15, 2020 5:09 PM  
**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>  
**Cc:** John Thompson <[john@walsheng.net](mailto:john@walsheng.net)>; Vern Andrews <[vern@walsheng.net](mailto:vern@walsheng.net)>; John Hampton Jr <[jdhampton@walsheng.net](mailto:jdhampton@walsheng.net)>  
**Subject:** [EXT] RE: EPIC Energy Final Confirmation Samples 11.33 BBL Crude Oil Lybrook South #001 minor release Sampling Notification Wednesday December 9, 2020 at 9:00am.

Good afternoon Cory,

Please find attached the confirmation samples collected on December 9, 2020 from the Lybrook South #001. All samples are below regulatory standards.

The initial C-141 has been approved by the NMOCD and assigned incident **nRM2034952669**

Epic Energy will submit the final C-141 through the E-Permitting Portal.

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

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**From:** Vanessa Fields  
**Sent:** Sunday, December 6, 2020 12:51 PM  
**To:** 'Smith, Cory, EMNRD' <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>  
**Cc:** John Thompson <[john@walsheng.net](mailto:john@walsheng.net)>; Vern Andrews <[vern@walsheng.net](mailto:vern@walsheng.net)>; John Hampton Jr <[jdhampton@walsheng.net](mailto:jdhampton@walsheng.net)>  
**Subject:** RE: EPIC Energy 11.33 BBL Crude Oil Lybrook South #001 minor release Sampling Notification Wednesday December 9, 2020 at 9:00am.

Good afternoon Cory,

I am sending the 48 hour notice for Sampling notification for Wednesday December 9, 2020 at 9:00am. I am sending a little early as I will not have cell signal in the morning.

Thank you,  
**Vanessa Fields**  
Regulatory Compliance Manager  
Walsh Engineering /Epic Energy LLC.  
O: 505-327-4892

C: 505-787-9100  
[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

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**From:** Vanessa Fields  
**Sent:** Thursday, December 3, 2020 7:55 AM  
**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>  
**Cc:** John Thompson <[john@walsheng.net](mailto:john@walsheng.net)>; Vern Andrews <[vern@walsheng.net](mailto:vern@walsheng.net)>; John Hampton Jr <[jdhampton@walsheng.net](mailto:jdhampton@walsheng.net)>  
**Subject:** RE: EPIC Energy 11.33 BBL Crude Oil Lybrook South #001 minor release

Thank you Cory.

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

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**From:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>  
**Sent:** Thursday, December 3, 2020 7:17 AM  
**To:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>  
**Cc:** John Thompson <[john@walsheng.net](mailto:john@walsheng.net)>; Vern Andrews <[vern@walsheng.net](mailto:vern@walsheng.net)>; John Hampton Jr <[jdhampton@walsheng.net](mailto:jdhampton@walsheng.net)>  
**Subject:** RE: EPIC Energy 11.33 BBL Crude Oil Lybrook South #001 minor release

Vanessa,

Thank you for the notification, if OCD is not onsite on Wednesday December 9,2020 and no confirmation plan is discussed please sample per 19.15.29 NMAC

**Cory Smith** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1000 Rio Brazos | Aztec, NM 87410  
505.334.6178 x115 | [Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>

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**From:** Vanessa Fields <[vanessa@walsheng.net](mailto:vanessa@walsheng.net)>  
**Sent:** Wednesday, December 2, 2020 2:26 PM  
**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>  
**Cc:** John Thompson <[john@walsheng.net](mailto:john@walsheng.net)>; Vern Andrews <[vern@walsheng.net](mailto:vern@walsheng.net)>; John Hampton Jr <[jdhampton@walsheng.net](mailto:jdhampton@walsheng.net)>  
**Subject:** [EXT] EPIC Energy 11.33 BBL Crude Oil Lybrook South #001 minor release  
**Importance:** High

Good Afternoon,

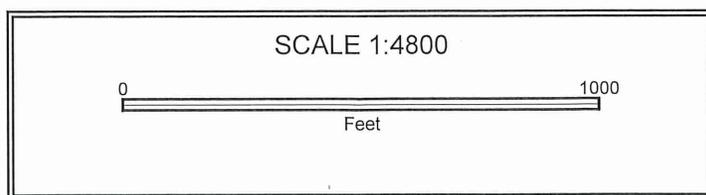
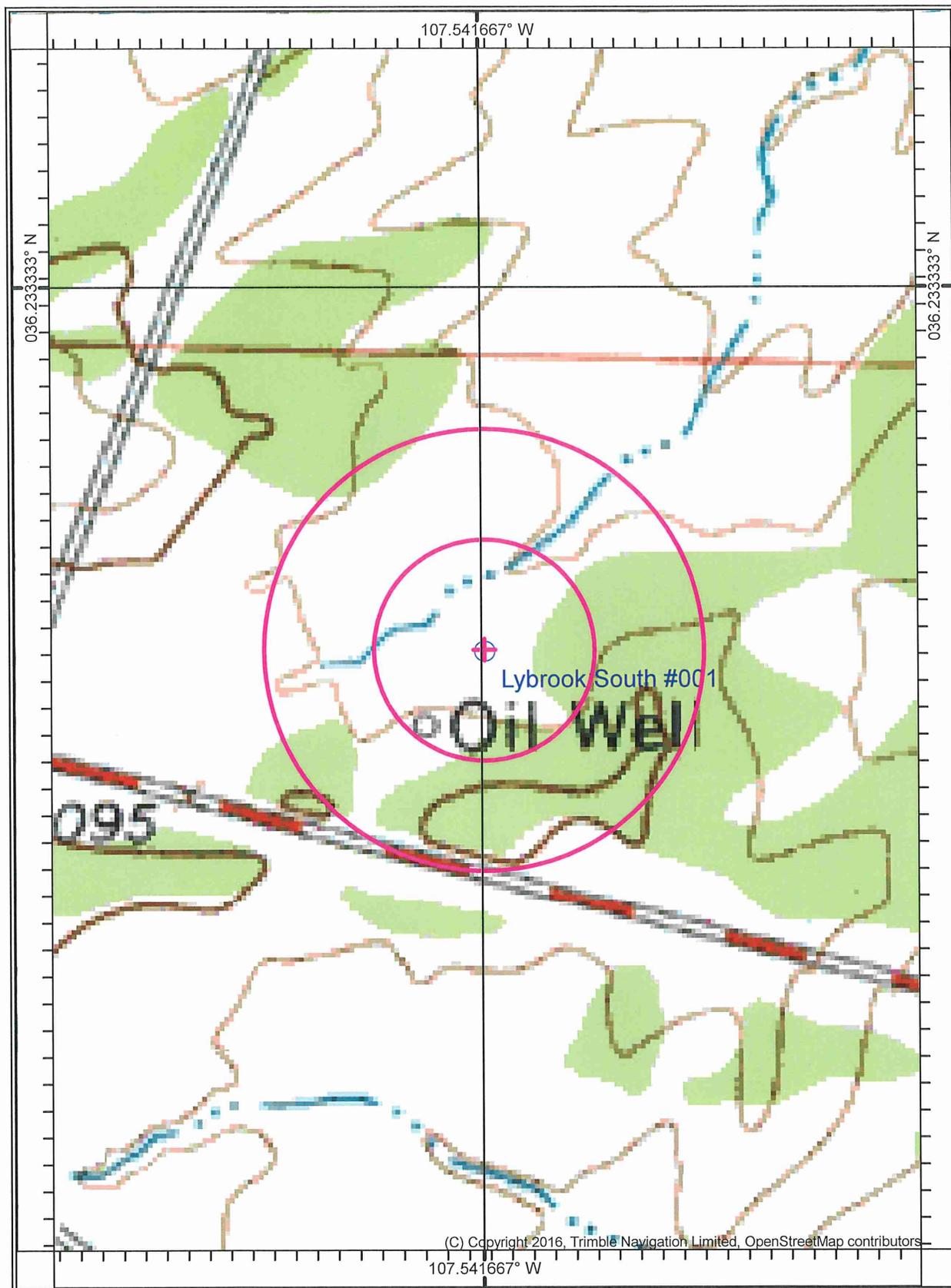
On Monday November 30, 2020 at 3:30 pm Epic Energy experienced a crude oil release of 11.33 BBLS due to dump valve dump malfunction. The oil release stayed on the pad and did not leave location/result in a fire , nor did in come into any contact with a waterway.

All impacted material was removed via a hydro vac truck and backhoe and was disposed of at JFJ Land farm. The freezing temperatures allowed for easy cleanup and little penetration into the ground surface.

The Surface owner is Fee and the landowner has been notified. A Initial C-141 will be submitted through NMOCD E-Docs system. Epic Energy is looking at collecting confirmation samples on Wednesday December 9, 2020. However, 48 hour notice will be provided prior to sampling. If an NMOCD representative is unable to witness confirmation sampling, confirmation sampling plan will be discussed over the phone before and/or during sampling if need be.

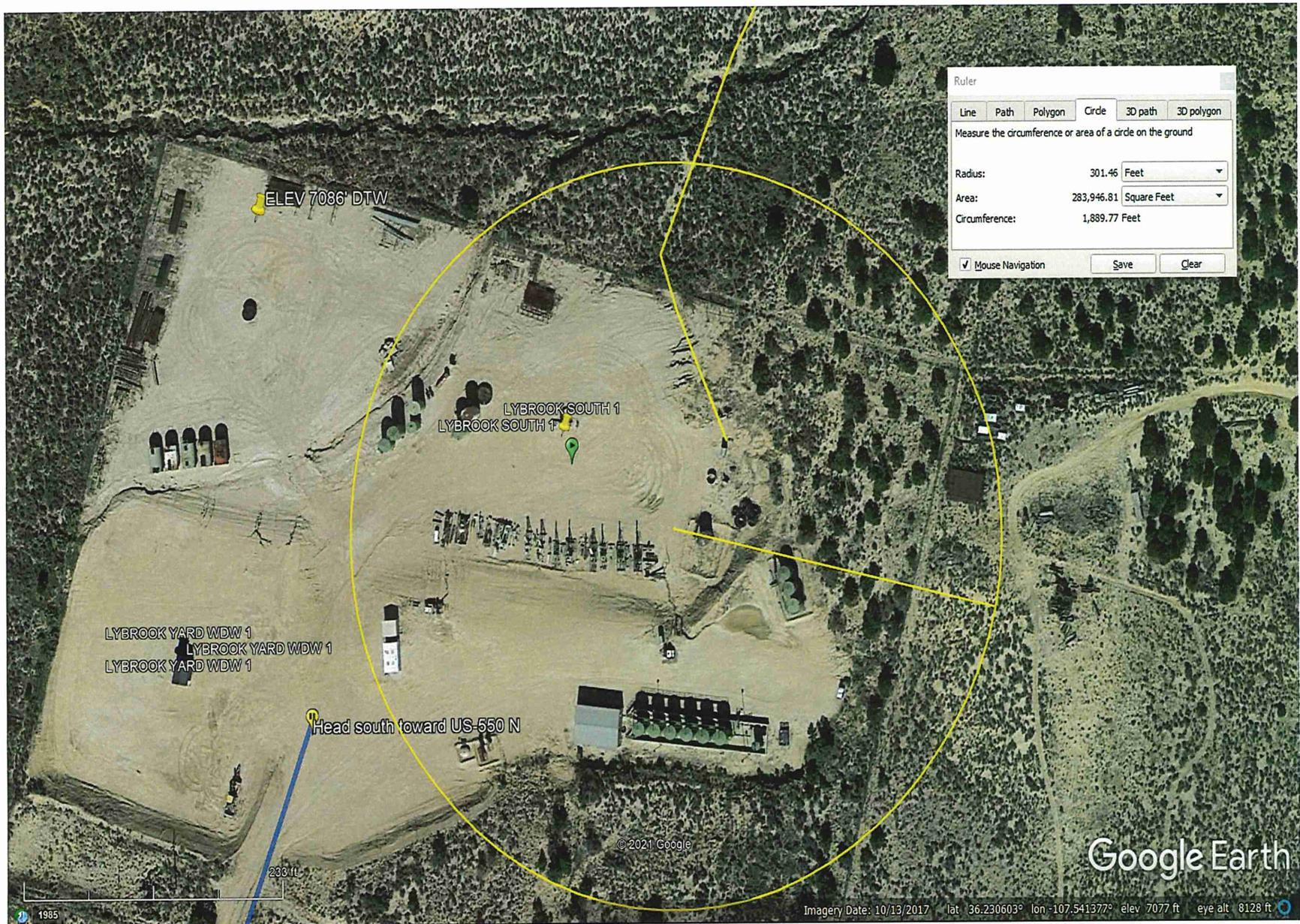
<image001.png>

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



# LYBROOK SOUTH #001 @ 30-039-24537

## Sitting Criteria





# 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 | Sub-basin | County | Q 64 | Q 16 | Q 4 | Sec | Tw | Rng | X      | Y       | DepthWell | DepthWater | Water Column |
|----------------------|----------|-----------|--------|------|------|-----|-----|----|-----|--------|---------|-----------|------------|--------------|
| <u>SJ 04054 POD1</u> |          | SJ        | RA     | 1    | 14   | 23N | 07W |    |     | 270627 | 4012298 | 273       | 180        | 93           |

Average Depth to Water: **180 feet**  
 Minimum Depth: **180 feet**  
 Maximum Depth: **180 feet**

Record Count: 1

PLSS Search:

Section(s): 14      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.

4/26/21 10:20 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

# LYBROOK SOUTH #001 @ 30-039-24537 DTW 1'



## Lybrook South #001 Remediation Summary

On Monday November 30, 2020 at 3:30 pm Epic Energy experienced a crude oil release of 11.33 BBLS due to dump valve dump malfunction. The oil release stayed on the pad and did not leave location/result in a fire, nor did it come into any contact with a waterway.

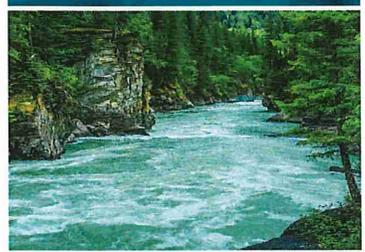
All impacted material was removed via a hydro vac truck and backhoe and was disposed of at JFJ Land farm. The freezing temperatures allowed for easy cleanup and little penetration into the ground surface.

On Wednesday December 9, 2021 Epic Energy conducted final confirmation samples. Per phone conversation with the Cory Smith with the NMOCD it was approved with a 400sq ft 5-point confirmation sampling plan. (3) 5- point confirmation samples were collected from the release affected area. No visible signs of staining were noted during the confirmation sampling event. Final photos of the sampling were emailed to Cory Smith on December 16, 2020.

| Date Sampled | Sample Area 5-point composite       | 8021 BTEX    | Benzene    | 8015 DRO   | 8015 GRO   | 8015 ORO   | Chloride   |
|--------------|-------------------------------------|--------------|------------|------------|------------|------------|------------|
| 12/09/2020   | <b>SB 1</b><br>(1) 5point composite | Non-Detect   | Non-Detect | Non-Detect | Non-Detect | Non-Detect | Non-Detect |
| 12/09/2020   | <b>SB 2</b><br>(1) 5point composite | 0.0259 mg/kg | Non-Detect | 29.2 mg/kg | Non-Detect | 59.3 mg/kg | Non-Detect |
| 12/09/2020   | <b>SB 3</b><br>(1) 5point composite | Non-Detect   | Non-Detect | 31.4 mg/kg | Non-Detect | 61.1 mg/kg | Non-Detect |



Report to:  
Vanessa Fields



5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Epic Energy

Project Name: Lybrook South #001  
 Work Order: E012035  
 Job Number: 18012-0006  
 Received: 12/9/2020

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
12/15/20

Envirotech Inc. certifies the test results meet all requirements of TNi unless noted 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 data reported.  
 Envirotech Inc, holds the Texas TNi certification T104704557-19-2 for data reported.

Date Reported: 12/15/20

Vanessa Fields  
7420 Main Street  
Farmington, NM 87402



Project Name: Lybrook South #001  
Workorder: E012035  
Date Received: 12/9/2020 10:42:00AM

Vanessa Fields,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/9/2020 10:42:00AM, under the Project Name: Lybrook South #001.

The analytical test results summarized in this report with the Project Name: Lybrook South #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
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### Sample Summary

|   |   |                             |
|---|---|-----------------------------|
| Epic Energy<br>7420 Main Street<br>Farmington NM, 87402 | Project Name: Lybrook South #001<br>Project Number: 18012-0006<br>Project Manager: Vanessa Fields | Reported:<br>12/15/20 10:17 |
|---|---|-----------------------------|

| Client Sample ID        | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|-------------------------|---------------|--------|----------|----------|------------------|
| SB #001 Lybrook South 1 | E012035-01A   | Soil   | 12/09/20 | 12/09/20 | Glass Jar, 4 oz. |
| SB #002 Lybrook South 1 | E012035-02A   | Soil   | 12/09/20 | 12/09/20 | Glass Jar, 4 oz. |
| SB #003 Lybrook South 1 | E012035-03A   | Soil   | 12/09/20 | 12/09/20 | Glass Jar, 4 oz. |



### Sample Data

|   |   |                                    |
|---|---|------------------------------------|
| Epic Energy<br>7420 Main Street<br>Farmington NM, 87402 | Project Name: Lybrook South #001<br>Project Number: 18012-0006<br>Project Manager: Vanessa Fields | Reported:<br>12/15/2020 10:17:36AM |
|---|---|------------------------------------|

#### SB #001 Lybrook South 1

#### E012035-01

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatiles by EPA 8021B</b>                         |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2050030 |
| Benzene   | ND     | 0.0250          | 1        | 12/10/20     | 12/10/20 |                |
| Toluene   | ND     | 0.0250          | 1        | 12/10/20     | 12/10/20 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 12/10/20     | 12/10/20 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 12/10/20     | 12/10/20 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 12/10/20     | 12/10/20 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 12/10/20     | 12/10/20 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |              |          |                |
|   |        | 113 %           | 70-130   | 12/10/20     | 12/10/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2050030 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 12/10/20     | 12/10/20 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |              |          |                |
|   |        | 89.0 %          | 70-130   | 12/10/20     | 12/10/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2050025 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 12/10/20     | 12/10/20 |                |
| Oil Range Organics (C28-C35)                          | ND     | 50.0            | 1        | 12/10/20     | 12/10/20 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |              |          |                |
|   |        | 92.4 %          | 50-200   | 12/10/20     | 12/10/20 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: NE  |          | Batch: 2050037 |
| Chloride  | ND     | 20.0            | 1        | 12/11/20     | 12/11/20 |                |

### Sample Data

|   |   |                                    |
|---|---|------------------------------------|
| Epic Energy<br>7420 Main Street<br>Farmington NM, 87402 | Project Name: Lybrook South #001<br>Project Number: 18012-0006<br>Project Manager: Vanessa Fields | Reported:<br>12/15/2020 10:17:36AM |
|---|---|------------------------------------|

**SB #002 Lybrook South 1**

E012035-02

| Analyte   | Result        | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|---------------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |               |                 |          |              |          |                |
|   | mg/kg         | mg/kg           |          | Analyst: RKS |          | Batch: 2050030 |
| Benzene   | ND            | 0.0250          | 1        | 12/10/20     | 12/11/20 |                |
| Toluene   | ND            | 0.0250          | 1        | 12/10/20     | 12/11/20 |                |
| Ethylbenzene  | ND            | 0.0250          | 1        | 12/10/20     | 12/11/20 |                |
| p,m-Xylene  | ND            | 0.0500          | 1        | 12/10/20     | 12/11/20 |                |
| o-Xylene  | <b>0.0259</b> | 0.0250          | 1        | 12/10/20     | 12/11/20 |                |
| Total Xylenes   | <b>0.0259</b> | 0.0250          | 1        | 12/10/20     | 12/11/20 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |               |                 |          |              |          |                |
|   |               | 112 %           | 70-130   | 12/10/20     | 12/11/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |               |                 |          |              |          |                |
|   | mg/kg         | mg/kg           |          | Analyst: RKS |          | Batch: 2050030 |
| Gasoline Range Organics (C6-C10)                      | ND            | 20.0            | 1        | 12/10/20     | 12/11/20 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |               |                 |          |              |          |                |
|   |               | 94.8 %          | 70-130   | 12/10/20     | 12/11/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |               |                 |          |              |          |                |
|   | mg/kg         | mg/kg           |          | Analyst: JL  |          | Batch: 2050025 |
| Diesel Range Organics (C10-C28)                       | <b>29.2</b>   | 25.0            | 1        | 12/10/20     | 12/10/20 |                |
| Oil Range Organics (C28-C35)                          | <b>59.3</b>   | 50.0            | 1        | 12/10/20     | 12/10/20 |                |
| <i>Surrogate: n-Nonane</i>                            |               |                 |          |              |          |                |
|   |               | 90.4 %          | 50-200   | 12/10/20     | 12/10/20 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |               |                 |          |              |          |                |
|   | mg/kg         | mg/kg           |          | Analyst: NE  |          | Batch: 2050037 |
| Chloride  | ND            | 20.0            | 1        | 12/11/20     | 12/11/20 |                |

## Sample Data

|   |   |                                    |
|---|---|------------------------------------|
| Epic Energy<br>7420 Main Street<br>Farmington NM, 87402 | Project Name: Lybrook South #001<br>Project Number: 18012-0006<br>Project Manager: Vanessa Fields | Reported:<br>12/15/2020 10:17:36AM |
|---|---|------------------------------------|

### SB #003 Lybrook South 1

E012035-03

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2050030 |
| Benzene   | ND     | 0.0250          | 1        | 12/10/20     | 12/11/20 |                |
| Toluene   | ND     | 0.0250          | 1        | 12/10/20     | 12/11/20 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 12/10/20     | 12/11/20 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 12/10/20     | 12/11/20 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 12/10/20     | 12/11/20 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 12/10/20     | 12/11/20 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |              |          |                |
|   |        | 113 %           | 70-130   | 12/10/20     | 12/11/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2050030 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 12/10/20     | 12/11/20 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |              |          |                |
|   |        | 92.2 %          | 70-130   | 12/10/20     | 12/11/20 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2050025 |
| Diesel Range Organics (C10-C28)                       | 31.4   | 25.0            | 1        | 12/10/20     | 12/10/20 |                |
| Oil Range Organics (C28-C35)                          | 61.1   | 50.0            | 1        | 12/10/20     | 12/10/20 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |              |          |                |
|   |        | 91.3 %          | 50-200   | 12/10/20     | 12/10/20 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: NE  |          | Batch: 2050037 |
| Chloride  | ND     | 20.0            | 1        | 12/11/20     | 12/11/20 |                |



### QC Summary Data

|   |   |                                    |
|---|---|------------------------------------|
| Epic Energy<br>7420 Main Street<br>Farmington NM, 87402 | Project Name: Lybrook South #001<br>Project Number: 18012-0006<br>Project Manager: Vanessa Fields | Reported:<br>12/15/2020 10:17:36AM |
|---|---|------------------------------------|

#### Volatile Organics by EPA 8021B

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

#### Blank (2050030-BLK1)

Prepared: 12/10/20 Analyzed: 12/10/20

|  |      |        |      |  |     |  |        |  |  |
|--|------|--------|------|--|-----|--|--------|--|--|
| 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 |      |  |     |  |        |  |  |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 8.75 |        | 8.00 |  | 109 |  | 70-130 |  |  |

#### LCS (2050030-BS1)

Prepared: 12/10/20 Analyzed: 12/10/20

|  |      |        |      |  |     |  |        |  |  |
|--|------|--------|------|--|-----|--|--------|--|--|
| Benzene                                    | 5.13 | 0.0250 | 5.00 |  | 103 |  | 70-130 |  |  |
| Toluene                                    | 5.12 | 0.0250 | 5.00 |  | 102 |  | 70-130 |  |  |
| Ethylbenzene                               | 5.06 | 0.0250 | 5.00 |  | 101 |  | 70-130 |  |  |
| p,m-Xylene                                 | 10.3 | 0.0500 | 10.0 |  | 103 |  | 70-130 |  |  |
| o-Xylene                                   | 5.13 | 0.0250 | 5.00 |  | 103 |  | 70-130 |  |  |
| Total Xylenes                              | 15.4 | 0.0250 | 15.0 |  | 103 |  | 70-130 |  |  |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 9.29 |        | 8.00 |  | 116 |  | 70-130 |  |  |

#### Matrix Spike (2050030-MS1)

Source: E012035-01 Prepared: 12/10/20 Analyzed: 12/10/20

|  |      |        |      |    |     |  |        |  |  |
|--|------|--------|------|----|-----|--|--------|--|--|
| Benzene                                    | 5.51 | 0.0250 | 5.00 | ND | 110 |  | 54-133 |  |  |
| Toluene                                    | 5.51 | 0.0250 | 5.00 | ND | 110 |  | 61-130 |  |  |
| Ethylbenzene                               | 5.44 | 0.0250 | 5.00 | ND | 109 |  | 61-133 |  |  |
| p,m-Xylene                                 | 11.0 | 0.0500 | 10.0 | ND | 110 |  | 63-131 |  |  |
| o-Xylene                                   | 5.51 | 0.0250 | 5.00 | ND | 110 |  | 63-131 |  |  |
| Total Xylenes                              | 16.6 | 0.0250 | 15.0 | ND | 110 |  | 63-131 |  |  |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 9.41 |        | 8.00 |    | 118 |  | 70-130 |  |  |

#### Matrix Spike Dup (2050030-MSD1)

Source: E012035-01 Prepared: 12/10/20 Analyzed: 12/10/20

|  |      |        |      |    |      |        |        |    |  |
|--|------|--------|------|----|------|--------|--------|----|--|
| Benzene                                    | 5.06 | 0.0250 | 5.00 | ND | 101  | 54-133 | 8.45   | 20 |  |
| Toluene                                    | 5.03 | 0.0250 | 5.00 | ND | 101  | 61-130 | 9.10   | 20 |  |
| Ethylbenzene                               | 4.97 | 0.0250 | 5.00 | ND | 99.4 | 61-133 | 9.09   | 20 |  |
| p,m-Xylene                                 | 10.1 | 0.0500 | 10.0 | ND | 101  | 63-131 | 9.20   | 20 |  |
| o-Xylene                                   | 5.02 | 0.0250 | 5.00 | ND | 100  | 63-131 | 9.24   | 20 |  |
| Total Xylenes                              | 15.1 | 0.0250 | 15.0 | ND | 101  | 63-131 | 9.21   | 20 |  |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 9.34 |        | 8.00 |    | 117  |        | 70-130 |    |  |



### QC Summary Data

|   |   |                                    |
|---|---|------------------------------------|
| Epic Energy<br>7420 Main Street<br>Farmington NM, 87402 | Project Name: Lybrook South #001<br>Project Number: 18012-0006<br>Project Manager: Vanessa Fields | Reported:<br>12/15/2020 10:17:36AM |
|---|---|------------------------------------|

#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

**Blank (2050030-BLK1)**

Prepared: 12/10/20 Analyzed: 12/10/20

|   |      |      |      |  |      |  |  |        |  |
|---|------|------|------|--|------|--|--|--------|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |  |  |        |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.24 |      | 8.00 |  | 90.5 |  |  | 70-130 |  |

**LCS (2050030-BS2)**

Prepared: 12/10/20 Analyzed: 12/10/20

|   |      |      |      |  |      |  |  |        |  |
|---|------|------|------|--|------|--|--|--------|--|
| Gasoline Range Organics (C6-C10)        | 45.2 | 20.0 | 50.0 |  | 90.4 |  |  |        |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.39 |      | 8.00 |  | 92.4 |  |  | 70-130 |  |

**Matrix Spike (2050030-MS2)**

Source: E012035-01 Prepared: 12/10/20 Analyzed: 12/10/20

|   |      |      |      |    |      |  |  |        |  |
|---|------|------|------|----|------|--|--|--------|--|
| Gasoline Range Organics (C6-C10)        | 49.3 | 20.0 | 50.0 | ND | 98.7 |  |  |        |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.41 |      | 8.00 |    | 92.6 |  |  | 70-130 |  |

**Matrix Spike Dup (2050030-MSD2)**

Source: E012035-01 Prepared: 12/10/20 Analyzed: 12/10/20

|   |      |      |      |    |      |        |      |        |  |
|---|------|------|------|----|------|--------|------|--------|--|
| Gasoline Range Organics (C6-C10)        | 44.8 | 20.0 | 50.0 | ND | 89.6 | 70-130 | 9.63 | 20     |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.49 |      | 8.00 |    | 93.7 |        |      | 70-130 |  |



### QC Summary Data

|   |   |                                    |
|---|---|------------------------------------|
| Epic Energy<br>7420 Main Street<br>Farmington NM, 87402 | Project Name: Lybrook South #001<br>Project Number: 18012-0006<br>Project Manager: Vanessa Fields | Reported:<br>12/15/2020 10:17:36AM |
|---|---|------------------------------------|

#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

**Blank (2050025-BLK1)**

Prepared: 12/10/20 Analyzed: 12/10/20

|                                 |      |      |      |  |      |        |  |  |  |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |      |        |  |  |  |
| Oil Range Organics (C28-C35)    | ND   | 50.0 |      |  |      |        |  |  |  |
| Surrogate: n-Nonane             | 42.7 |      | 50.0 |  | 85.4 | 50-200 |  |  |  |

**LCS (2050025-BS1)**

Prepared: 12/10/20 Analyzed: 12/10/20

|                                 |      |      |      |  |      |        |  |  |  |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 406  | 25.0 | 500  |  | 81.2 | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 43.1 |      | 50.0 |  | 86.3 | 50-200 |  |  |  |

**Matrix Spike (2050025-MS1)**

Source: E012035-01 Prepared: 12/10/20 Analyzed: 12/10/20

|                                 |      |      |      |    |      |        |  |  |  |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 450  | 25.0 | 500  | ND | 90.1 | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 46.5 |      | 50.0 |    | 92.9 | 50-200 |  |  |  |

**Matrix Spike Dup (2050025-MSD1)**

Source: E012035-01 Prepared: 12/10/20 Analyzed: 12/10/20

|                                 |      |      |      |    |     |        |      |    |  |
|---------------------------------|------|------|------|----|-----|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 509  | 25.0 | 500  | ND | 102 | 38-132 | 12.3 | 20 |  |
| Surrogate: n-Nonane             | 52.0 |      | 50.0 |    | 104 | 50-200 |      |    |  |



### QC Summary Data

|   |   |                                    |
|---|---|------------------------------------|
| Epic Energy<br>7420 Main Street<br>Farmington NM, 87402 | Project Name: Lybrook South #001<br>Project Number: 18012-0006<br>Project Manager: Vanessa Fields | Reported:<br>12/15/2020 10:17:36AM |
|---|---|------------------------------------|

#### Anions by EPA 300.0/9056A

Analyst: NE

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

**Blank (2050037-BLK1)** Prepared: 12/11/20 Analyzed: 12/11/20

|          |    |      |  |  |  |  |  |  |  |
|----------|----|------|--|--|--|--|--|--|--|
| Chloride | ND | 20.0 |  |  |  |  |  |  |  |
|----------|----|------|--|--|--|--|--|--|--|

**LCS (2050037-BS1)** Prepared: 12/11/20 Analyzed: 12/11/20

|          |     |      |     |  |     |        |  |  |  |
|----------|-----|------|-----|--|-----|--------|--|--|--|
| Chloride | 253 | 20.0 | 250 |  | 101 | 90-110 |  |  |  |
|----------|-----|------|-----|--|-----|--------|--|--|--|

**Matrix Spike (2050037-MS1)** Source: E012035-01 Prepared: 12/11/20 Analyzed: 12/11/20

|          |     |      |     |    |     |        |  |  |  |
|----------|-----|------|-----|----|-----|--------|--|--|--|
| Chloride | 277 | 20.0 | 250 | ND | 111 | 80-120 |  |  |  |
|----------|-----|------|-----|----|-----|--------|--|--|--|

**Matrix Spike Dup (2050037-MSD1)** Source: E012035-01 Prepared: 12/11/20 Analyzed: 12/11/20

|          |     |      |     |    |     |        |      |    |  |
|----------|-----|------|-----|----|-----|--------|------|----|--|
| Chloride | 273 | 20.0 | 250 | ND | 109 | 80-120 | 1.16 | 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.

## Definitions and Notes

|                      |                  |                    |                  |
|----------------------|------------------|--------------------|------------------|
| Epic Energy          | Project Name:    | Lybrook South #001 |                  |
| 7420 Main Street     | Project Number:  | 18012-0006         | <b>Reported:</b> |
| Farmington NM, 87402 | Project Manager: | Vanessa Fields     | 12/15/20 10:17   |

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

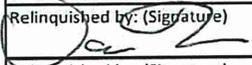
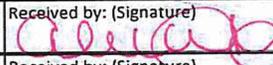
Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

|   |              |        |                   |   |            |   |                 |  |             |  |                |   |  |  |  |                         |  |
|---|--------------|--------|-------------------|---|------------|---|-----------------|--|-------------|--|----------------|---|--|--|--|-------------------------|--|
| Client: <b>EPIC Energy</b><br>Project: <b>Libroad South 1</b><br>Project Manager: <b>Vanessa Fields</b><br>Address: <b>7541 E Main St</b><br>City, State, Zip: <b>Farmington NM 87402</b><br>Phone: <b>505-787-9100</b><br>Email: <b>Vanessa.Liskhengnet</b><br>Report due by: <b>Standard</b>  |              |        |                   | Bill To<br>Attention: <b>Vanessa Fields</b><br>Address: <b>7541 E Main St</b><br>City, State, Zip: <b>Farmington NM</b><br>Phone: <b>505-787-9100</b><br>Email: <b>Vanessa.Liskhengnet</b><br><b>Standard</b> |            |   |                 | Lab Use Only<br>Lab WO#: <b>E012035</b><br>Job Number: <b>18012-0000</b> |             |  |                | TAT<br>1D 2D 3D Standard <input checked="" type="checkbox"/>  |  |  |  | EPA Program<br>CWA SDWA |  |
|   |              |        |                   | Analysis and Method<br>DRO/ORO by 8014<br>GRO/DRO by 8015<br>BTEX by 8021<br>VOC by 8260<br>Metals 6010<br>Chloride 300.0   |            |   |                 | State<br>NM CO UT AZ TX <input checked="" type="checkbox"/>              |             |  |                | RCRA  |  |  |  |                         |  |
| Time Sampled  | Date Sampled | Matrix | No. of Containers | Sample ID   | Lab Number | DRO/ORO by 8014   | GRO/DRO by 8015 | BTEX by 8021   | VOC by 8260 | Metals 6010  | Chloride 300.0 | Remarks   |  |  |  |                         |  |
| 9:17am  | 12/9/2020    | S      | 402               | SB#001 Libroad South 1  | 1          | X   | X               | X  |             | X  |                |   |  |  |  |                         |  |
| 9:22am  | 12/9/2020    | S      | 402               | SB#002 " "  | 2          | X   | X               | X  |             | X  |                |   |  |  |  |                         |  |
| 9:42am  | 12/9/2020    | S      | 402               | SB#003 " "  | 3          | 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.   |              |        |                   |   |            |   |                 |  |             |  |                |   |  |  |  |                         |  |
| Relinquished by: (Signature)  Date: 12/9/2020 Time: 10:39  |              |        |                   |   |            | Received by: (Signature)  Date: 12/9/2020 Time: 10:42 |                 |  |             |  |                | 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)  |              |        |                   |   |            | Relinquished by: (Signature)  |                 |  |             |  |                | Lab Use Only<br>Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N   |  |  |  |                         |  |
| Relinquished by: (Signature)  |              |        |                   |   |            | Relinquished by: (Signature)  |                 |  |             |  |                | T1 _____ T2 _____ T3 _____<br>AVG Temp °C <b>4</b>  |  |  |  |                         |  |
| 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. |              |        |                   |   |            |   |                 |  |             |  |                |   |  |  |  |                         |  |



# Envirotech Analytical Laboratory

Printed: 12/9/2020 10:55:56AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

|                             |                                      |                              |
|-----------------------------|--------------------------------------|------------------------------|
| Client: Epic Energy         | Date Received: 12/09/20 10:42        | Work Order ID: E012035       |
| Phone: (505) 327-4892       | Date Logged In: 12/09/20 10:49       | Logged In By: Alexa Michaels |
| Email: vanessa@walsheng.net | Due Date: 12/16/20 17:00 (5 day TAT) |                              |

### Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
  - 2. Does the number of samples per sampling site location match the COC? Yes
  - 3. Were samples dropped off by client or carrier? Yes
  - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
  - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Vanessa Fields

### Comments/Resolution

Email- [Vanessa@walsheng.net](mailto:Vanessa@walsheng.net)

### Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

### Sample Cooler

- 7. Was a sample cooler received? Yes
  - 8. If yes, was cooler received in good condition? Yes
  - 9. Was the sample(s) received intact, i.e., not broken? Yes
  - 10. Were custody/security seals present? No
  - 11. If yes, were custody/security seals intact? NA
  - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

### Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 16. Is the head space less than 6-8 mm (pea sized or less)? NA
- 17. Was a trip blank (TB) included for VOC analyses? NA
- 18. Are non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

### Field Label

- 20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

### Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

### Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

### Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

### Client Instruction

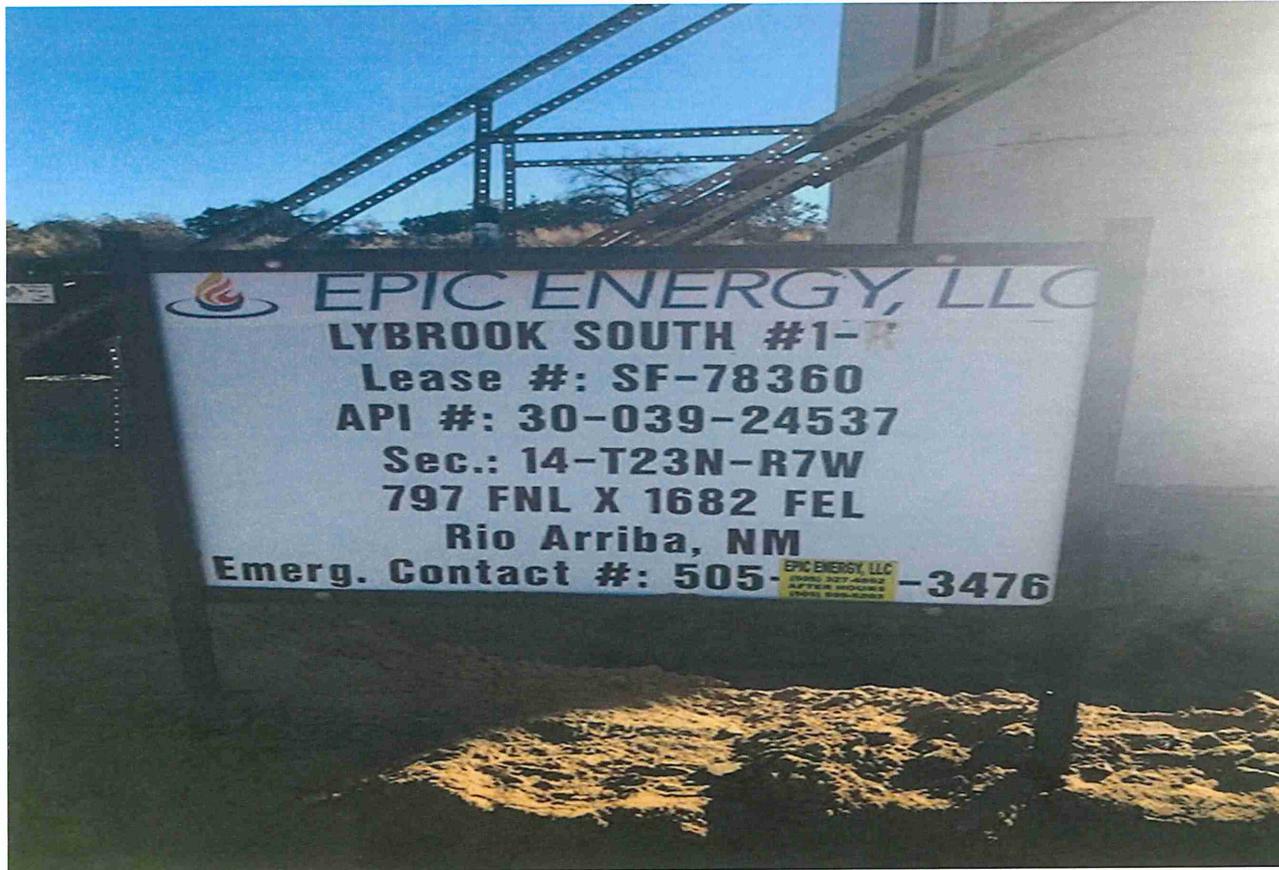
Email- [Vanessa@walsheng.net](mailto:Vanessa@walsheng.net)

Signature of client authorizing changes to the COC or sample disposition.

Date



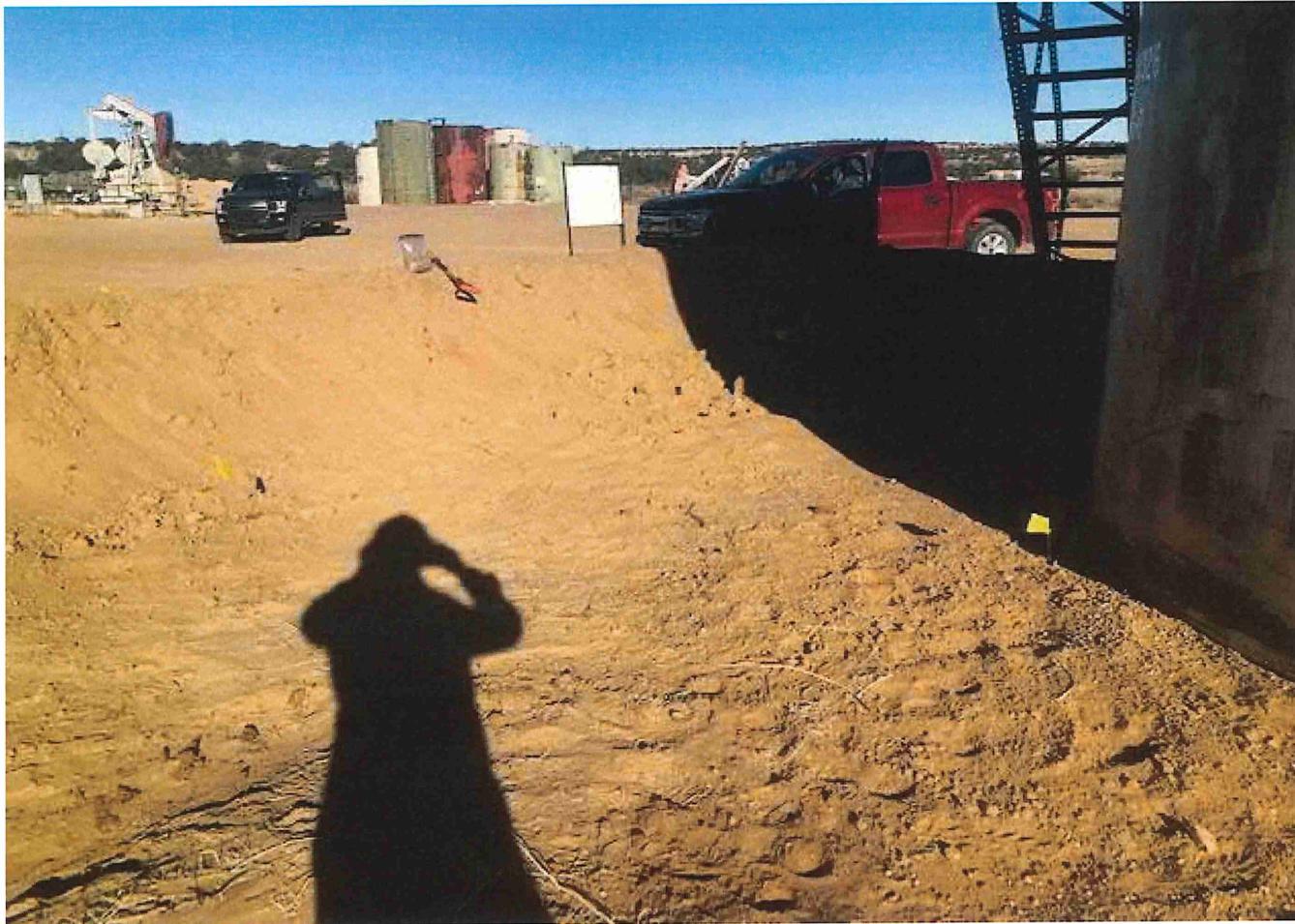
envirotech Inc.

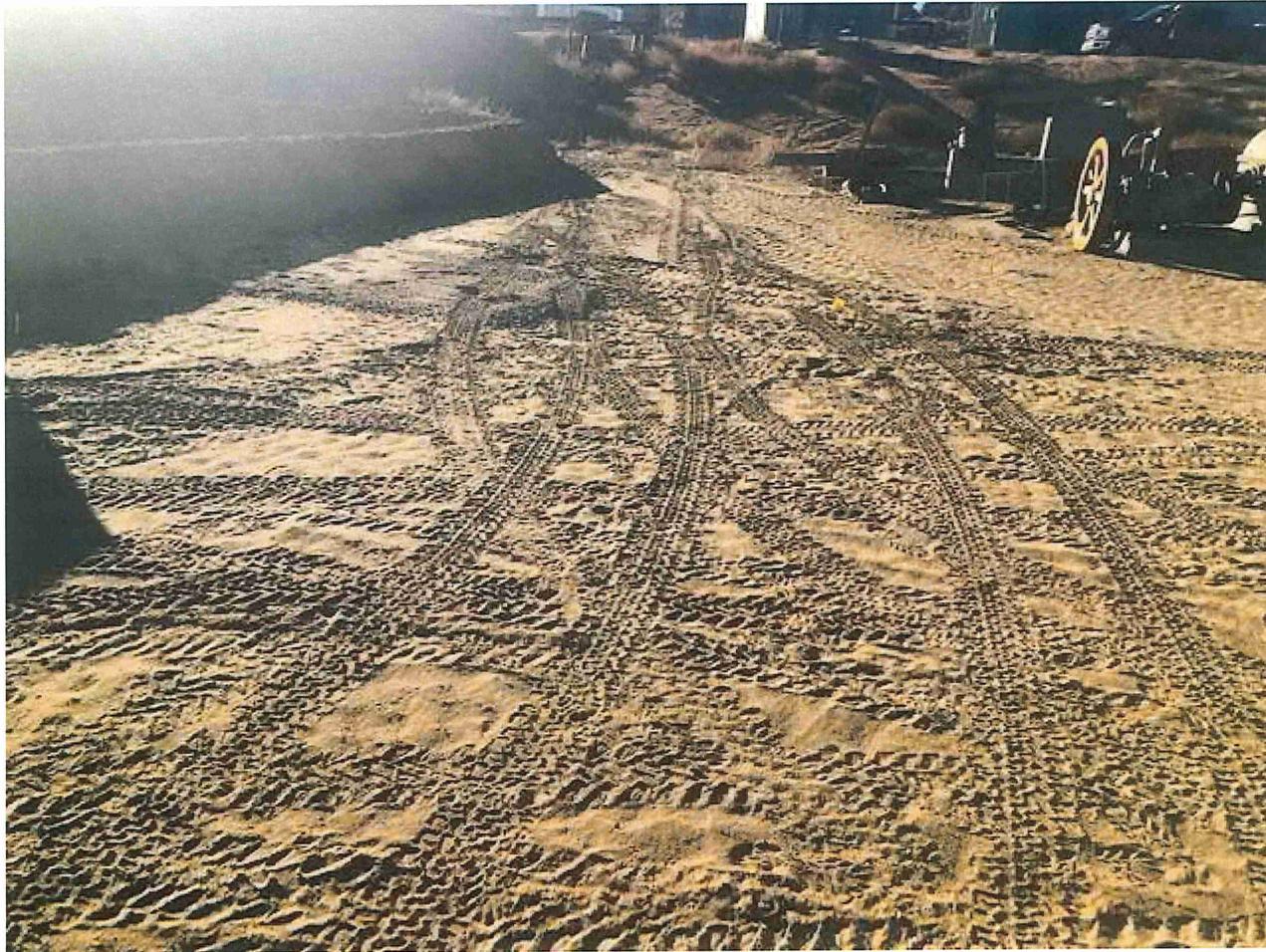












**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**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 25568

**CONDITIONS**

|  |   |
|--|---|
| Operator:<br>EPIC ENERGY, L.L.C.<br>332 Road 3100<br>Aztec, NM 87410 | OGRID:<br>372834  |
|  | Action Number:<br>25568                                   |
|  | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition  | Condition Date |
|------------|--|----------------|
| nvelez     | 1. Confirm information is accurate on Form C-141 (e.g. latitude & longitude GPS coordinates). 2. Future incidents meet required timeline. 3. Communication with NMOCD for anticipated delays or time extensions be recorded accordingly. | 10/5/2021      |