

Form C-141

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State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2205655153 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

### Site Assessment/Characterization

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

|   |   |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release?   | >55 (ft bgs)  |
| Did this release impact groundwater or surface water?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas <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.

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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: DALE WOODALL Title: ENV. PROFESSIONAL  
 Signature: *Dale Woodall* Date: 8/11/2022  
 email: DALE.WOODALL@DVN.COM Telephone: 575-748-1838

**OCD Only**

Received by: Jocelyn Harimon Date: 09/26/2022

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## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: DALE WOODALL Title: ENV. PROFESSIONAL  
 Signature: *Dale Woodall* Date: 8/11/2022  
 email: DALE.WOODALL@DVN.COM Telephone: 575-748-1838

**OCD Only**

Received by: Jocelyn Harimon Date: 09/26/2022

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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State of New Mexico  
Oil Conservation Division

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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: DALE WOODALL Title: ENV. PROFESSIONAL  
 Signature: *Dale Woodall* Date: 8/11/2022  
 email: DALE.WOODALL@DVN.COM Telephone: 575-748-1838

**OCD Only**

Received by: Jocelyn Harimon Date: 09/26/2022

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: *Jennifer Nobui* Date: 09/27/2022  
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

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    | nAPP2205865153 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Release Notification

### Responsible Party

|                         |   |                              |      |
|-------------------------|---|------------------------------|------|
| Responsible Party       | Devon Energy Production Company         | OGRID                        | 6137 |
| Contact Name            | Dale Woodall                            | Contact Telephone            |      |
| Contact email           | Dale.Woodall@dvn.com                    | Incident # (assigned by OCD) |      |
| Contact mailing address | 6488 Seven Rivers Hwy Artesia, NM 88210 |                              |      |

### Location of Release Source

Latitude 32.25527778 Longitude -103.5738889  
*(NAD 83 in decimal degrees to 5 decimal places)*

|                         |  |                      |     |
|-------------------------|--|----------------------|-----|
| Site Name               | Mesquite Booster @ Thistle 33 Connection | Site Type            | Oil |
| Date Release Discovered | 02/25/2022                               | API# (if applicable) |     |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| O           | 33      | 23S      | 33E   | Lea    |

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 checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 12.6 BBLS   | Volume Recovered (bbls) 9 BBLS                           |
|  | Is the concentration of total dissolved solids (TDS) 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 Equipment failure.



Caprock Services LLC,  
P.O Box 457  
Lovington, NM 88260  
(575)408-3638

August 16, 2022

New Mexico Oil Conservation Division  
District 1 (Hobbs)  
1625 N. French Dr  
Hobbs, NM 88240

**RE: Release Closure Report  
Mesquite Booster @ 33 Connection  
Devon Energy Production Company  
Incident Report Number: NAPP2205655153  
Lea County New Mexico**

To Whom it may concern:

Caprock Services on behalf of Devon Energy, presents the following closure report. This report provides a summary of remediation activities completed at the mesquite booster @ 33 connection. The site is located in Unit O, Section 33, Township 23 South, Range 33 East.  
GPS: 32.25527778, -103.5738889

## NMOCD APPROVALS/STIPULATIONS

The Site Assessment Report and Proposed Remediation Plan was subsequently approved. Please reference the associated Site Assessment Report and Proposed Remediation Plan that was submitted for additional details.

### REMEDIATION ACTIVITIES SUMMARY

On **May 18, 2022**, RDL Excavating, began excavating and stockpiling impacted material on-site. Side walls and floors were advanced until field observations suggested chloride and hydrocarbon impacts had been mitigated. Impacted material was transported under manifest to Oilfield Water Logistics (OWL) a NMOCD-permitted disposal facility.

On **June 9, 2022**, Caprock Services LLC, collected twenty four (24) soil samples and submitted them to the laboratory in an effort to determine if soil was affected above the NMOCD Closure Criteria. The collected soil samples were submitted to Cardinal Laboratories a NMOCD-approved laboratory for analysis of BTEX, TPH and Chloride. Laboratory analytical results indicated concentrations of Chloride exceeded the NMOCD Closure Criteria in soil samples Floor #7 and Floor #8.

Upon receiving laboratory analytical results from the collected soil samples, remediation activities resumed at the release site. Impacted soil in the areas characterized by sample points Floor #7 and Floor #8 was excavated, stockpiled on-site then transported to Oilfield Water Logistics (OWL) a NMOCD-permitted disposal facility.

On **June 16, 2022**, Soil samples from Floor #7 and Floor #8 were collected and submitted to Cardinal Laboratories a NMOCD approved laboratory for analysis of BTEX, TPH, and chloride.

Upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally-sourced, non-impact material. Areas affected by remediation and closure activities were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with a landowner approved seed mixture during the first favorable growing season following closure of the Site.

A table summarizing laboratory analytical results from confirmation soil samples is provided on the following page:

| Concentrations of BTEX, TPH and/or Chloride in Soil - Confirmation Samples |         |       |             |                 |              |   |  |   |  |   |                  |
|--|---------|-------|-------------|-----------------|--------------|---|--|---|--|---|------------------|
| Sample ID  | Date    | Depth | Soil Status | SW 846 8021B    |              | SW 846 8015M Ext.                           |  |   |  |   | E300/4500Cl      |
|  |         |       |             | Benzene (mg/kg) | BTEX (mg/kg) | GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg) | DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg) | GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg) | ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg) | TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg) | Chloride (mg/kg) |
| East Wall 1  | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 128              |
| East Wall 2  | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 32               |
| East Wall 3  | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 32               |
| North Wall 1   | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 112              |
| North Wall 2   | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 112              |
| West Wall 1  | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 16               |
| West Wall 2  | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 32               |
| West wall 3  | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | <16              |
| South Wall 1   | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 32               |
| South wall 2   | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 48               |
| South Wall 3   | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 48               |
| Floor 1  | 6/9/22  | 6'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 352              |
| Floor 2  | 6/9/22  | 6'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 1,090            |
| Floor 3  | 6/9/22  | 6'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 1,600            |
| Floor 4  | 6/9/22  | 6'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 320              |
| Floor 5  | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 3,920            |
| Floor 6  | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 5,440            |
| Floor 7  | 6/16/22 | 5'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 3,720            |
| Floor 8  | 6/16/22 | 5'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 5,200            |
| Floor 9  | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 5,330            |
| Floor 10   | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 7,200            |
| Floor 11   | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 80               |
| Floor 12   | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 6,400            |
| Floor 13   | 6/9/22  | 4'    | In-Situ     | <0.050          | <0.300       | <10.0                                       | <10.0  | <10.0   | <10.0  | <10.0                                       | 1,100            |
| <b>Closure Criteria</b>  |         |       |             | <b>10</b>       | <b>50</b>    | <b>-</b>                                    | <b>-</b>                                     | <b>1,000</b>                                      | <b>-</b>                                     | <b>2,500</b>                                | <b>10,000</b>    |

A "Site & Sample Location Map" is provided as Attachment #3. Soil profile observations are provided on Attachment #5. Laboratory analytical reports are provided as Attachment #6.

## CLOSURE REQUEST

Remediation activities were conducted in accordance with an approved work plan. Impacted soil affected above the NMOCD Closure Criteria was excavated and transported to Oilfield Water Logistics (OWL) an NMOCD-permitted facility for disposal. Laboratory analytical results from confirmation soil sample indicate BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples. Upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally-sourced, non-impacted material.

During the course of remediation activities, approximately 647 cubic yards of impacted soil were excavated and transported to Oilfield Water Logistics (OWL) an NMOCD-permitted facility for disposal.

Based on laboratory analytical results, field activities conducted to date and conditions at the site, Caprock Services LLC, recommends Devon Energy provides a copy of this remediation summary and closure report to the NMOCD and request closure to be granted to the Mesquite Booster @ 33 connection.

Respectfully,

Matt Taylor  
Environmental Professional  
Caprock Services, LLC

**Attachments:**

- Attachment #1- Figure 1 - Topographic Map
- Attachment #2- Figure 2 - Aerial Map
- Attachment #3- Figure 3 - Site & Sample Location Map
- Attachment #4- Depth to Groundwater Information
- Attachment #5- Soil Profile
- Attachment #6- Laboratory Analytical Reports
- Attachment #7- Photographic Log
- Attachment #8- Release Notification (FORM C-141)
- Attachment #9- Email Correspondence

## LIMITATIONS

This document has been prepared on behalf of Devon Energy. Use of information contained in this report, including exhibits and attachments, by any other party without the consent of Caprock Services LLC, and/or Devon Energy is prohibited.

This document has been prepared in a professional manner, using the degree of skill and care exercised by similar environmental professionals. Caprock Services LLC, notes that the facts and conditions referenced in this document may change over time and that the conclusions and recommendations are only applicable to the facts and conditions as described at the time this document was prepared.

Caprock Services LLC, has prepared this report to the best of its ability. No other warranty, expressed or implied, is made or intended.



|                 |
|-----------------|
| <b>LEGEND:</b>  |
| ● Site Location |

**Figure 1**  
 Topographic Map  
 Devon Energy  
 Mesquite Booster Trunkline  
 GPS: (32.255735°, -103.571636)  
 Lea County, New Mexico

|  |  |
|--|--|
|  | Drafted by- MST<br>Checked by: client<br>Date: 7/18/2022 |
|--|--|



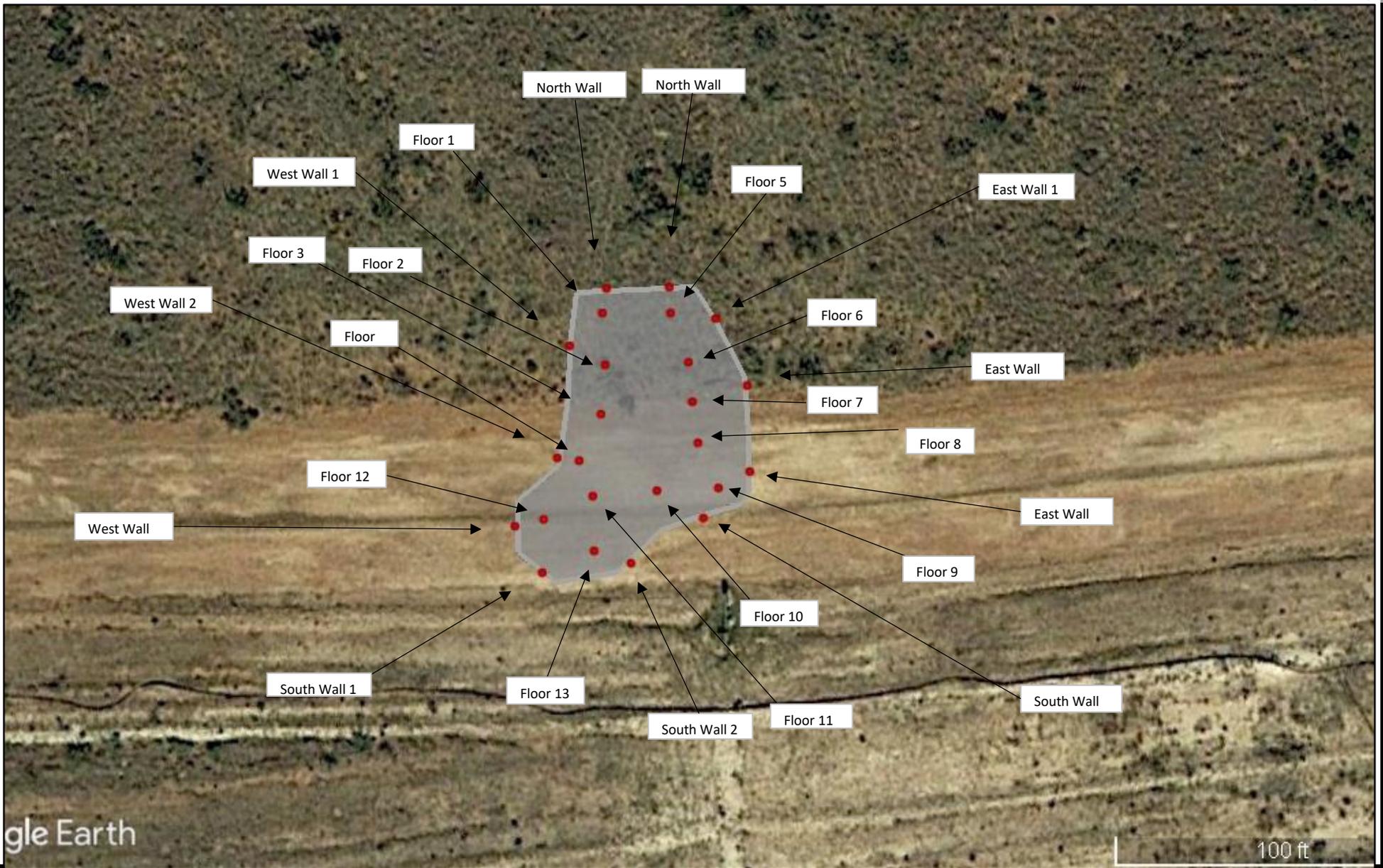
**LEGEND:**

|  |                     |   |                         |
|--|---------------------|---|-------------------------|
|  | Site Location       |  | Non-Industrial Building |
|  | Fresh Water Well    |  | Subsurface Mine         |
|  | 100-Year Floodplain |  | 1/2 Mile Radius         |
|  | High/Critical Karst |   |                         |

**Figure 2**  
 Aerial Map  
 Devon Energy  
 Mesquite Booster @ Thistle 33 Concession  
 GPS: 32.25527778, -103.5738889  
 Lea County, New Mexico



Drafted by: MST      Checked by: client      Date: 8/16/2022



**LEGEND:**

|  |                 |
|--|-----------------|
|  | Sample Location |
|  | Excavated Area  |

**Figure 3**  
 Site & Sample Location Map  
 Devon Energy  
 Mesquite Booster @ Thistle 33 Concession  
 GPS: 32.25527778, -103.5738889  
 Lea County, New Mexico

  
 Drafted by: MST    Checked by: client    Date: 8/16/2022

# Groundwater Data



## 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 Sub-Code | basin | County | Q 6 | Q 4 | Q 4 | Sec | Tws | Rng    | X        | Y   | Depth Well | Depth Water | Water Column |
|------------------------------|--------------|-------|--------|-----|-----|-----|-----|-----|--------|----------|-----|------------|-------------|--------------|
| <a href="#">C 02275</a>      | CUB          | LE    | 3      | 3   | 2   | 19  | 23S | 33E | 630843 | 3573557* | 650 | 400        | 250         |              |
| <a href="#">C 02276</a>      | CUB          | LE    | 3      | 1   | 4   | 19  | 23S | 33E | 630848 | 3573154* | 650 | 400        | 250         |              |
| <a href="#">C 02277</a>      | CUB          | LE    | 2      | 3   | 4   | 20  | 23S | 33E | 632663 | 3572970* | 550 | 400        | 150         |              |
| <a href="#">C 02278</a>      | CUB          | LE    | 3      | 4   | 2   | 28  | 23S | 33E | 634484 | 3571989* | 650 | 400        | 250         |              |
| <a href="#">C 02279</a>      | CUB          | LE    | 3      | 4   | 3   | 28  | 23S | 33E | 633691 | 3571173* | 650 | 400        | 250         |              |
| <a href="#">C 02280</a>      | CUB          | LE    | 3      | 2   | 4   | 28  | 23S | 33E | 634489 | 3571586* | 650 | 400        | 250         |              |
| <a href="#">C 02281</a>      | CUB          | LE    | 3      | 4   | 4   | 28  | 23S | 33E | 634495 | 3571183* | 545 | 400        | 145         |              |
| <a href="#">C 02282</a>      | CUB          | LE    | 3      | 1   | 1   | 25  | 23S | 33E | 638098 | 3572436* | 325 | 225        | 100         |              |
| <a href="#">C 02283</a>      | CUB          | LE    | 4      | 2   | 2   | 26  | 23S | 33E | 637896 | 3572431* | 325 | 225        | 100         |              |
| <a href="#">C 02284</a>      | CUB          | LE    | 4      | 2   | 4   | 26  | 23S | 33E | 637907 | 3571826* | 325 | 225        | 100         |              |
| <a href="#">C 03582 POD1</a> | C            | LE    | 4      | 1   | 1   | 14  | 23S | 33E | 636583 | 3575666  | 590 |            |             |              |
| <a href="#">C 04551 POD1</a> | CUB          | LE    | 4      | 4   | 3   | 31  | 23S | 33E | 630671 | 3569556  |     |            |             |              |
| <a href="#">C 04595 POD1</a> | CUB          | LE    | 4      | 3   | 3   | 34  | 23S | 33E | 635150 | 3569564  | 55  |            |             |              |

Average Depth to Water: 347 feet  
 Minimum Depth: 225 feet  
 Maximum Depth: 400 feet

Record Count: 13

Basin/County Search:

County: Lea

PLSS Search:

Township: 23S Range: 33E

\*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.

4/15/22 5:59 PM

Page 1 of 1

WATER COLUMN/ AVERAGE DEPTH TO WATER

## Groundwater Data



2904 W 2nd St.  
Roswell, NM 88201  
voice: 575.624.2420  
fax: 575.624.2421  
www.atkinseng.com

04/01/2022

DII-NMOSE  
1900 W 2<sup>nd</sup> Street  
Roswell, NM 88201

*Hand Delivered to the DII Office of the State Engineer*

Re: Well Record C-4595 Pod1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4595 Pod1.

If you have any questions, please contact me at 575.499.9244 or [lucas@atkinseng.com](mailto:lucas@atkinseng.com).

Sincerely,

A handwritten signature in black ink that reads "Lucas Middleton". The signature is written in a cursive style.

Lucas Middleton

Enclosures: as noted above

OSE 01 APR 4 2022 9:21:03

# Groundwater Data



## WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

|  |   |  |   |  |  |  |                                |                    |
|--|---|--|---|--|--|--|--------------------------------|--------------------|
| 1. GENERAL AND WELL LOCATION   | OSE POD NO. (WELL NO.)<br>POD 1 (TW-1)  |  | WELL TAG ID NO.                                       |  | OSE FILE NO(S).<br>C-4595  |  |                                |                    |
|  | WELL OWNER NAME(S)<br>Devon Energy  |  |   |  | PHONE (OPTIONAL)<br>575-748-1838                                     |  |                                |                    |
|  | WELL OWNER MAILING ADDRESS<br>6488 7 Rivers Hwy   |  |   |  | CITY<br>Artesia  | STATE ZIP<br>NM 88210  |                                |                    |
|  | WELL LOCATION (FROM GPS)  | DEGREES<br>32                                | MINUTES<br>15   | SECONDS<br>16.73   | N  | * ACCURACY REQUIRED: ONE TENTH OF A SECOND<br>* DATUM REQUIRED: WGS 84 |                                |                    |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE<br>SE SW SW Sec. 34 T23S R33E |   |  |   |  |  |  |                                |                    |
| 2. DRILLING & CASING INFORMATION   | LICENSE NO.<br>1249   | NAME OF LICENSED DRILLER<br>Jackie D. Atkins |   |  | NAME OF WELL DRILLING COMPANY<br>Atkins Engineering Associates, Inc. |  |                                |                    |
|  | DRILLING STARTED<br>03/09/2022  | DRILLING ENDED<br>03/09/2022                 | DEPTH OF COMPLETED WELL (FT)<br>temporary well casing | BORE HOLE DEPTH (FT)<br>±55  | DEPTH WATER FIRST ENCOUNTERED (FT)<br>n/a                            |  |                                |                    |
|  | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)   |  |   | STATIC WATER LEVEL IN COMPLETED WELL (FT)<br>dry                                       | DATE STATIC MEASURED<br>03/9/22, 3/15/22                             |  |                                |                    |
|  | DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:  |  |   |  |  |  |                                |                    |
|  | DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger |  |   |  | CHECK HERE IF FITLESS ADAPTER IS INSTALLED <input type="checkbox"/>  |  |                                |                    |
|  | DEPTH (feet bg)   |  | BORE HOLE DIAM (inches)                               | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE (add coupling diameter)                       | CASING INSIDE DIAM. (inches)   | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
|  | FROM  | TO   |   |  |  |  |                                |                    |
|  | 0   | 55   | ±6.5  | Boring   | --   | --   | --                             | --                 |
|  |   |  |   |  |  |  |                                |                    |
|  |   |  |   |  |  |  |                                |                    |
|  |   |  |   |  |  |  |                                |                    |
|  |   |  |   |  |  |  |                                |                    |
|  |   |  |   |  |  |  |                                |                    |
|  |   |  |   |  |  |  |                                |                    |
| 3. ANNULAR MATERIAL  | DEPTH (feet bg)   |  | BORE HOLE DIAM. (inches)                              | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL                      | AMOUNT (cubic feet)  | METHOD OF PLACEMENT  |                                |                    |
|  | FROM  | TO   |   |  |  |  |                                |                    |
|  |   |  |   |  |  |  |                                |                    |
|  |   |  |   |  |  |  |                                |                    |
|  |   |  |   |  |  |  |                                |                    |
|  |   |  |   |  |  |  |                                |                    |

|                      |                 |         |  |  |             |
|----------------------|-----------------|---------|--|--|-------------|
| FOR OSE INTERNAL USE |                 |         | WR-20 WELL RECORD & LOG (Version 01/28/2022) |  |             |
| FILE NO.             | POD NO.         | TRN NO. |  |  |             |
| LOCATION             | WELL TAG ID NO. |         |  |  | PAGE 1 OF 2 |



# Groundwater Data



## PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

### I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4595 POD-1  
 Well owner: Devon Energy Phone No.: 575-748-1838  
 Mailing address: 6488 7 Rivers Hwy  
 City: Artesia State: New Mexico Zip code: 88210

### II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):  
Shane Eldridge
- 4) Date well plugging began: 03/31/2022 Date well plugging concluded: 03/31/2022
- 5) GPS Well Location: Latitude: 32 deg, 15 min, 16.73 sec  
Longitude: 103 deg, 33 min, 54.92 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),  
by the following manner: weighted tape
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 1/28/2022
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OS2 07 APR 4 2022 10:03

# Groundwater Data

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

| Depth<br>(ft bgl) | Plugging<br>Material Used<br>(include any additives used) | Volume of<br>Material Placed<br>(gallons) | Theoretical Volume<br>of Borehole/ Casing<br>(gallons) | Placement<br>Method<br>(tremie pipe,<br>other) | Comments<br>("casing perforated first", "open<br>annular space also plugged", etc.) |
|-------------------|---|---|--|--|---|
| 0-10'             | Hydrated Bentonite  | Approx. 15.7 gallons                      | 15 gallons   | Augers   |   |
| 10'-51'           | Drill Cuttings  | Approx. 65 gallons                        | 65 gallons   | Boring   |   |

OCD 03 APR 4 2022 2:03

| MULTIPLY      | BY     | AND OBTAIN |
|---------------|--------|------------|
| cubic feet x  | 7.4805 | = gallons  |
| cubic yards x | 201.97 | = gallons  |

**III. SIGNATURE:**

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

*Jack Atkins*

\_\_\_\_\_  
Signature of Well Driller

03/31/2022

\_\_\_\_\_  
Date

# Groundwater Data

## WR-20 Well Record and Log-forsign

Final Audit Report

2022-03-31

|                 |   |
|-----------------|---|
| Created:        | 2022-03-31                                    |
| By:             | Lucas Middleton (lucas@atkinseng.com)         |
| Status:         | Signed  |
| Transaction ID: | CBJCHBCAABAA5gS-BF8wqVLJJo4thjo9A2Gu8_pebpNFL |

### "WR-20 Well Record and Log-forsign" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)  
2022-03-31 - 8:03:47 PM GMT - IP address: 69.21.254.158
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature  
2022-03-31 - 8:04:57 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)  
2022-03-31 - 9:28:09 PM GMT - IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)  
Signature Date: 2022-03-31 - 9:28:49 PM GMT - Time Source: server - IP address: 64.90.153.232
-  Agreement completed.  
2022-03-31 - 9:28:49 PM GMT

OSE DIT APR 4 2022 PM2:03



## Groundwater Data



**LEGEND:**

- Site Location
- BE Berino-Cacique loamy fine sands association
- PU Pyote and Maljamar fine sands

**Figure 1**

Soil Profile Map  
 Devon Energy  
 Mesquite Booster @ 33 Concession  
 GPS: 32.25527778, -103.5738889  
 Lea County, New Mexico



Drafted by- MST    Checked by: client    Date: 7/18/2022



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

June 14, 2022

MATT TAYLOR  
CAPROCK SERVICES  
P.O. BOX 457  
LOVINGTON, NM 88260

RE: MESQUITE BOOSTER UPSTREAM (M.B.U.)

Enclosed are the results of analyses for samples received by the laboratory on 06/10/22 9:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: EAST WALL # 1 (H222477-01)**

| BTEX 80218     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank:   | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank:   | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 128    | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M       |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|-----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte         | Result | Reporting Limit | Analyzed   | Method Blank:   | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*     | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*   | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXTDRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                           |                     |                |
|-------------------|---------------------------|---------------------|----------------|
| Received:         | 06/10/2022                | Sampling Date:      | 06/09/22       |
| Reported:         | 06/14/2022                | Sample Type:        | Soil           |
| Project Name:     | MESQUITE UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM         |                     |                |

Sample ID: E AST WALL # 2 (H222477-02)

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank:   | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (BFD) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank:   | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32     | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank:   | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P. O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                           |                     |                |
|-------------------|---------------------------|---------------------|----------------|
| Received:         | 06/10/2022                | Sampling Date:      | 06/09/22       |
| Reported:         | 06/14/2022                | Sample Type:        | Soil           |
| Project Name:     | MESQUITE UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM         |                     |                |

**Sample ID: EAST WALL # 3 (H222477-03)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32     | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M       |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|-----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte         | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*     | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*   | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXTDRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                           |                     |                |
|-------------------|---------------------------|---------------------|----------------|
| Received:         | 06/10/2022                | Sampling Date:      | 06/09/22       |
| Reported:         | 06/14/2022                | Sample Type:        | Soil           |
| Project Name:     | MESQUITE UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM         |                     |                |

**Sample ID: NORTH WALL # 1 (H222477-04)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (FID) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 112    | 15.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

TPH 8015M mg/kg Analyzed By: MS

| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
|------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND           | 207 | 104        | 200           | 0.727 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND           | 209 | 104        | 200           | 3.58  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND           |     |            |               |       |           |

Surrogate: 1-Chlorooctane 102 % 66.9-136  
 Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: NORTH WALL # 2 (H222477-05)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 112    | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |
| EXT DRO >C29-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 102 % 66.9-136  
 Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                           |                     |                |
|-------------------|---------------------------|---------------------|----------------|
| Received:         | 06/10/2022                | Sampling Date:      | 06/09/22       |
| Reported:         | 06/14/2022                | Sample Type:        | Soil           |
| Project Name:     | MESQUITE UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM         |                     |                |

**Sample ID: WEST WALL # 1 (H222477-06)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (FID) 103 % 69.9-140

| Chloride, 5M4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 16     | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M       |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|-----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte         | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*     | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*   | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXTDRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: MESQUITE UPSTREAM (M.B.U)  
 Project Number: NONE GIVEN  
 Project Location: DEVON - LEA CO NM

Sampling Date: 06/09/22  
 Sample Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WEST WALL # 2 (H222477-07)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32     | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M       |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|-----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte         | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*     | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*   | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXTDRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                           |                     |                |
|-------------------|---------------------------|---------------------|----------------|
| Received:         | 06/10/2022                | Sampling Date:      | 06/09/22       |
| Reported:         | 06/14/2022                | Sample Type:        | Soil           |
| Project Name:     | MESQUITE UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM         |                     |                |

**Sample ID: WEST WALL # 3 (H222477-08)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16    | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 102 % 64.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                           |                     |                |
|-------------------|---------------------------|---------------------|----------------|
| Received:         | 06/10/2022                | Sampling Date:      | 06/09/22       |
| Reported:         | 06/14/2022                | Sample Type:        | Soil           |
| Project Name:     | MESQUITE UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM         |                     |                |

**Sample ID: SOUTH WALL # 1 (H222477-09)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 32     | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

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 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: SOUTH WALL # 2 (H222477-10)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (BFD) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48     | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M       |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|-----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte         | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*     | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*   | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXTDRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chloroadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                           |                     |                |
|-------------------|---------------------------|---------------------|----------------|
| Received:         | 06/10/2022                | Sampling Date:      | 06/09/22       |
| Reported:         | 06/14/2022                | Sample Type:        | Soil           |
| Project Name:     | MESQUITE UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM         |                     |                |

**Sample ID: SOUTH WALL # 3 (H222477-11)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 48     | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 1 @ 6' (H222477-12)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

| Chloride, 5M4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 352    | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M       |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|-----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte         | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*     | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*   | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXTDRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 2 @ 6' (H222477-13)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (FD) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: JC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1090   | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 3 @ 6' (H222477-14)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1600   | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | 12.6   | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 4 @ 6' (H222477-15)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (FD) 101 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 320    | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |

| TPH 8015M       |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |
|-----------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte         | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*     | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |
| DRO >C10-C28*   | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |
| EXTDRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 5 @ 4' (H222477-16)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 3920   | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 6 @ 4' (H222477-17)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (FD) 1.01 % 69.9-1.40

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5440   | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 92.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 59.5-142

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**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 7 @ 4' (H222477-18)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/11/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/11/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/11/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/11/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/11/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (FID) 104 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 40000  | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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**Analytical Results For:**

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 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 8 @ 4' (H222477-19)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/11/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/11/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/11/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/11/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/11/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (FID) 102 % 69.9-140

| Chloride, SM4500C-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|---------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte             | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride            | 44000  | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 9 @ 4' (H222477-20)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/11/2022 | ND               | 2.20 | 110        | 2.00          | 7.76 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/11/2022 | ND               | 2.17 | 109        | 2.00          | 7.70 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/11/2022 | ND               | 2.09 | 105        | 2.00          | 7.87 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/11/2022 | ND               | 6.54 | 109        | 6.00          | 7.91 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/11/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (FID) 96.7% 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5330   | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 105% 66.9-136

Surrogate: 1-Chlorooctadecane 107% 59.5-142

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 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 10 @ 4' (H222477-21)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/11/2022 | ND               | 2.20 | 110        | 2.00          | 7.76 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/11/2022 | ND               | 2.17 | 109        | 2.00          | 7.70 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/11/2022 | ND               | 2.09 | 105        | 2.00          | 7.87 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/11/2022 | ND               | 6.54 | 109        | 6.00          | 7.91 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/11/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 97.5% 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 7200   | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | 142    | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | 46.2   | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 114% 66.9-136

Surrogate: 1-Chlorooctadecane 120% 59.5-142

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 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 11 @ 4' (H222477-22)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/11/2022 | ND               | 2.20 | 110        | 2.00          | 7.76 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/11/2022 | ND               | 2.17 | 109        | 2.00          | 7.70 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/11/2022 | ND               | 2.09 | 105        | 2.00          | 7.87 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/11/2022 | ND               | 6.54 | 109        | 6.00          | 7.91 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/11/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 80.0   | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | 143    | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | 54.8   | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 120 % 66.9-136

Surrogate: 1-Chlorooctadecane 130 % 59.5-142

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 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 12 @ 4' (H222477-23)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/11/2022 | ND               | 2.20 | 110        | 2.00          | 7.76 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/11/2022 | ND               | 2.17 | 109        | 2.00          | 7.70 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/11/2022 | ND               | 2.09 | 105        | 2.00          | 7.87 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/11/2022 | ND               | 6.54 | 109        | 6.00          | 7.91 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/11/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (FD) 96.1% 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 6400   | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 123% 66.9-136

Surrogate: 1-Chlorooctadecane 124% 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/10/2022                        | Sampling Date:      | 06/09/2022     |
| Reported:         | 06/14/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR 13 @ 4' (H222477-24)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH/ |      |            |               |      |           |  |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/11/2022 | ND               | 2.20 | 110        | 2.00          | 7.76 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/11/2022 | ND               | 2.17 | 109        | 2.00          | 7.70 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/11/2022 | ND               | 2.09 | 105        | 2.00          | 7.87 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/11/2022 | ND               | 6.54 | 109        | 6.00          | 7.91 |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/11/2022 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (BID) 98.2% 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 1100   | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 117% 66.9-136

Surrogate: 1-Chlorooctadecane 118% 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM500C-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: Devon Energy Caprock Services **BILL TO**  
 Project Manager: Matt Taylor P.O. #: 216/0659  
 Address: PO 896, Lovington, NM 88260 Company: Devon Energy  
 Phone #: 575-408-3638 Fax #: 575-393-2476 6488 Seven Rivers HWY Artesia NM 88210  
 Project Owner: Devon Energy  
 Project Name: Mesquite Booster Upstream (M.B.U)  
 Project Location: Lea Co, NM Attn: Dale Woodall

Sampler Name: Matt Taylor  
 FOR LAB USE ONLY  
 Lab I.D. TP 6/10/22 Sample I.D. H233472  
 (G)RAB OR (C)OMP.    
 # CONTAINERS  
 MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:  
 PRESERV: ACID/BASE, ICE / COOL, OTHER:  
 DATE: 6/9/22 TIME: 8:30  
 DATE: 6/9/22 TIME: 8:32  
 DATE: 6/9/22 TIME: 8:34  
 DATE: 6/9/22 TIME: 8:40  
 DATE: 6/9/22 TIME: 8:42  
 DATE: 6/9/22 TIME: 8:46  
 DATE: 6/9/22 TIME: 8:48  
 DATE: 6/9/22 TIME: 8:50  
 DATE: 6/9/22 TIME: 8:52

| Lab I.D. | Sample I.D.   | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | PRESERV | SAMPLING | DATE   | TIME | TPH 8015 M. Ext (New Mexico) | Chloride | BTEX 8021 | TPH TX 1005 |
|----------|---------------|-------------------|--------------|--------|---------|----------|--------|------|------------------------------|----------|-----------|-------------|
| 1        | East Well #1  | C                 | 1            | X      |         |          | 6/9/22 | 8:30 | X                            | X        | X         |             |
| 2        | East Well #2  | C                 | 1            | X      |         |          | 6/9/22 | 8:32 | X                            | X        | X         |             |
| 3        | East Well #3  | C                 | 1            | X      |         |          | 6/9/22 | 8:34 | X                            | X        | X         |             |
| 4        | North Well #1 | C                 | 1            | X      |         |          | 6/9/22 | 8:40 | X                            | X        | X         |             |
| 5        | North Well #2 | C                 | 1            | X      |         |          | 6/9/22 | 8:42 | X                            | X        | X         |             |
| 6        | West Well #1  | C                 | 1            | X      |         |          | 6/9/22 | 8:44 | X                            | X        | X         |             |
| 7        | West Well #2  | C                 | 1            | X      |         |          | 6/9/22 | 8:46 | X                            | X        | X         |             |
| 8        | West Well #3  | C                 | 1            | X      |         |          | 6/9/22 | 8:48 | X                            | X        | X         |             |
| 9        | South Well #1 | C                 | 1            | X      |         |          | 6/9/22 | 8:50 | X                            | X        | X         |             |
| 10       | South Well #2 | C                 | 1            | X      |         |          | 6/9/22 | 8:52 | X                            | X        | X         |             |

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Relinquished By: [Signature] Date: 6/10/22 Received By: [Signature] Date: 6/10/22  
 Relinquished By: [Signature] Time: 7:12 Received By: [Signature] Time: 7:12  
 Delivered By: (Circle One) -12.02 e.o.s. Sample Condition:  Cool  Intact  Yes  No  
 Sampler - UPS - Bus - Other: -12.52 #13  Yes  No

Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_

REMARKS: Caprock Services 56 @ Gmail, com  
dale.woodall@devon.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: Devon Energy  
 Project Manager: Matt Taylor  
 Address: PO 896, Lovington, NM 88260  
 Phone #: 575-408-3638 Fax #: 575-408-3638  
 Project Owner: Devon Energy  
 Project Name: Mesquite Booster Upstream (M.B.U)  
 Project Location: Lea Co, NM  
 Sampler Name: Matt Taylor  
 P.O. #: 210 10659  
 Company: Devon Energy  
 6438 Seven Rivers HWY Artesia NM 88210  
 Attn: Dale Woodall

| Lab I.D. | Sample I.D.  | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX      |            |      |     |        |         |            | PRESERV | SAMPLING | DATE | TIME | TPH 8015 M. Ext (New Mexico) |         |          |
|----------|--------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|------------|---------|----------|------|------|------------------------------|---------|----------|
|          |              |                   |              | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: |         |          |      |      | ICE / COOL                   | OTHER : | Chloride |
| 422477   | South Wall#3 | C 1               | 1            | X           |            |      |     |        |         |            |         | 6/9/22   | 8:54 | X    | X                            | X       |          |
| 11       | Floor 1 @ 6' | C 1               | 1            | X           |            |      |     |        |         |            |         | 6/9/22   | 9:00 | X    | X                            | X       |          |
| 12       | Floor 2 @ 6' | C 1               | 1            | X           |            |      |     |        |         |            |         | 6/9/22   | 9:05 | X    | X                            | X       |          |
| 13       | Floor 3 @ 6' | C 1               | 1            | X           |            |      |     |        |         |            |         | 6/9/22   | 9:10 | X    | X                            | X       |          |
| 14       | Floor 4 @ 6' | C 1               | 1            | X           |            |      |     |        |         |            |         | 6/9/22   | 9:15 | X    | X                            | X       |          |
| 15       | Floor 5 @ 4' | C 1               | 1            | X           |            |      |     |        |         |            |         | 6/9/22   | 9:20 | X    | X                            | X       |          |
| 16       | Floor 6 @ 4' | C 1               | 1            | X           |            |      |     |        |         |            |         | 6/9/22   | 9:25 | X    | X                            | X       |          |
| 17       | Floor 7 @ 4' | C 1               | 1            | X           |            |      |     |        |         |            |         | 6/9/22   | 9:30 | X    | X                            | X       |          |
| 18       | Floor 8 @ 4' | C 1               | 1            | X           |            |      |     |        |         |            |         | 6/9/22   | 9:35 | X    | X                            | X       |          |
| 19       | Floor 9 @ 4' | C 1               | 1            | X           |            |      |     |        |         |            |         | 6/9/22   | 9:40 | X    | X                            | X       |          |

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Retrieved By: *[Signature]* Date: 6-10-21  
 Received By: *[Signature]* Date: 9-12  
 Delivered By: (Circle One) UPS - Bus - Other: -12.05 #113 -12.56 #113  
 Sample Condition: Cool Intact Yes No  
 Checked By: *[Signature]*  
 Remarks: Carrock Services 56 @ gmail.com, dale.woodall@dun.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

|  |  |  |  |   |  |  |  |
|--|--|--|--|---|--|--|--|
| <b>Company Name:</b> Devon Energy<br><b>Project Manager:</b> Matt Taylor<br><b>Address:</b> PO 896, Lovington, NM 88260<br><b>Phone #:</b> 575-408-3638 <b>Fax #:</b><br><b>Project Owner:</b> Devon Energy<br><b>Project Name:</b> Mesquite Booster Upstream (M.B.U)<br><b>Project Location:</b> Lea Co, NM<br><b>Sampler Name:</b> Matt Taylor   |  | <b>P.O. #:</b> 21010659<br><b>Company:</b> Devon Energy<br>6488 Seven Rivers HWY Artesia NM 88210<br><b>Attn:</b> Dale Woodall   |  | <b>BILL TO</b>  |  | <b>ANALYSIS REQUEST</b>  |  |
| <b>PLEASE NOTE:</b> Liability and Damages. Cardinal's liability and damage exclusion remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the service. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by the client within 90 days of the date of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of profits, loss of data, or any other special, punitive, or exemplary damages. This limitation shall apply to all services provided by Cardinal. This limitation shall apply to all services provided by Cardinal. This limitation shall apply to all services provided by Cardinal. |  | <b>Relinquished By:</b> <i>[Signature]</i><br>Date: 9-17-22<br>Time: 9:17<br><b>Relinquished By:</b> <i>[Signature]</i><br>Date: _____<br>Time: _____                                      |  | <b>Received By:</b> <i>[Signature]</i><br>Date: _____<br>Time: _____  |  | <b>Checked By:</b> <i>[Signature]</i><br>Date: _____<br>Time: _____  |  |
| <b>Delivered By:</b> (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other: _____<br>Temperature: -13.0°C / 9.0°F<br>Humidity: 41%  |  | Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Damaged<br>Cool: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Other: _____ |  | Add'l Phone #: _____<br>Add'l Fax #: _____  |  | REMARKS: CAPROCK SERVICES 56 @ Gmail.com                             |  |
| <b>Lab I.D.</b><br>H222477   |  | <b>Sample I.D.</b><br>21 Floor 10 @ 4'<br>22 Floor 11 @ 4'<br>23 Floor 12 @ 4'<br>24 Floor 13 @ 4'   |  | (G)RAB OR (C)OMP.<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL<br>SLUDGE<br>OTHER :<br>ACID/BASE:<br>ICE / COOL<br>OTHER : |  | DATE<br>TIME   |  |
|  |  | <input checked="" type="checkbox"/> 1<br><input type="checkbox"/> 1<br><input type="checkbox"/> 1<br><input type="checkbox"/> 1  |  | 6/9/22 9:45<br>6/9/22 9:50<br>6/9/22 9:55<br>6/9/22 10:00   |  | TPH 8015 M. Ext (New Mexico)<br>Chloride<br>BTEX 8021<br>TPH TX 1005 |  |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 21, 2022

MATT TAYLOR

CAPROCK SERVICES

P.O. BOX 457

LOVINGTON, NM 88260

RE: MESQUITE BOOSTER UPSTREAM (M.B.U.)

Enclosed are the results of analyses for samples received by the laboratory on 06/17/22 8:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 06/17/2022                        | Sampling Date:      | 06/16/2022     |
| Reported:         | 06/21/2022                        | Sampling Type:      | Soil           |
| Project Name:     | MESQUITE BOOSTER UPSTREAM (M.B.U) | Sampling Condition: | ** (See Notes) |
| Project Number:   | NOT GIVEN                         | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM                 |                     |                |

**Sample ID: FLOOR # 7 @ 5' (H222587-01)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 3720   | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CAPROCK SERVICES  
 MATT TAYLOR  
 P.O. BOX 457  
 LOVINGTON NM, 88260  
 Fax To:

|                   |                           |                     |                |
|-------------------|---------------------------|---------------------|----------------|
| Received:         | 06/17/2022                | Sampling Date:      | 06/16/22       |
| Reported:         | 06/21/2022                | Sample Type:        | Soil           |
| Project Name:     | MESQUITE UPSTREAM (M.B.U) | Sampling Condition: | **(See Notes)  |
| Project Number:   | NONE GIVEN                | Sample Received By: | Tamara Oldaker |
| Project Location: | DEVON - LEA CO NM         |                     |                |

**Sample ID: FLOOR # 8 @ 5' (H222587-02)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed By: JH |      |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.02 | 101        | 2.00          | 0.324 |           |  |
| Toluene*       | <0.050 | 0.050           | 06/10/2022 | ND              | 2.12 | 106        | 2.00          | 1.61  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 06/10/2022 | ND              | 2.01 | 100        | 2.00          | 1.75  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 06/10/2022 | ND              | 6.00 | 100        | 6.00          | 1.41  |           |  |
| Total BTEX     | <0.300 | 0.300           | 06/10/2022 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 5200   | 16.0            | 06/10/2022 | ND              | 448 | 112        | 400           | 3.51 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |       |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 06/10/2022 | ND              | 207 | 104        | 200           | 0.727 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 06/10/2022 | ND              | 209 | 104        | 200           | 3.58  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 06/10/2022 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

Cardinal Laboratories \* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results date only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

  
 Celey D. Keene, Lab Director/Quality Manager





**Figure 1** View of east side of release looking north west.



**Figure 2** View looking west towards release point.

3/7/22, 11:06 AM  
+32.255118,-103.57380



Figure 3 View of release point looking north.

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

|                |               |
|----------------|---------------|
| Incident ID    | NAPP220565153 |
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

## Release Notification

### Responsible Party

|  |                                |
|--|--------------------------------|
| Responsible Party Devon Energy Production Company              | OGRID 6137                     |
| Contact Name Dale Woodall                                      | Contact Telephone 405-318-4697 |
| Contact email dale.woodall@dvn.com                             | Incident # (assigned by OCD)   |
| Contact mailing address 6488 Seven Rivers HWY Artesia NM 88210 |                                |

### Location of Release Source

Latitude 32.25527778 Longitude -103.5738889  
(NAD 83 in decimal degrees to 5 decimal places)

|  |                      |
|--|----------------------|
| Site Name Mesquite Booster @ 33 Connection | Site Type            |
| Date Release Discovered 2/25/22            | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| O           | 33      | 23S      | 33E   | LEA    |

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 checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 12.6 bbls   | Volume Recovered (bbls) 9 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  
Equipment Failure

Form C-141  
Page 2

State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2205655153 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

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

### Initial Response

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

|  |
|--|
| <input checked="" type="checkbox"/> The source of the release has been stopped.<br><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.<br><input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.<br><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.  |
| If all the actions described above have <u>not</u> been undertaken, explain why:<br>Spill was not in lined containment.  |
| 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: _____ Title: _____<br>Signature: _____ Date: _____<br>email: _____ Telephone: _____  |
| <b><u>OCD Only</u></b><br><br>Received by: _____ Date: _____   |

Form C-141

Page 3

State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2205655153 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

### Site Assessment/Characterization

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

|   |   |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release?   | <u>    &gt;55    </u> (ft bgs)                                      |
| Did this release impact groundwater or surface water?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas <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.

Form C-141  
Page 4

State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2205655153 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

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

Printed Name: DALE WOODALL Title: ENV. PROFESSIONAL

Signature: Dale Woodall Date: 8/11/2022

email: DALE.WOODALL@DVN.COM Telephone: 575-748-1838

**OCD Only**

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

Form C-141  
Page 5

State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2205655153 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: DALE WOODALL Title: ENV. PROFESSIONAL  
 Signature: *Dale Woodall* Date: 8/11/2022  
 email: DALE.WOODALL@DVN.COM Telephone: 575-748-1838

**OCD Only**

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

- Approved     
  Approved with Attached Conditions of Approval     
  Denied     
  Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Form C-141  
Page 6

State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | NAPP2205655153 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

### Closure

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

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

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

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

Printed Name: DALE WOODALL Title: ENV. PROFESSIONAL  
 Signature: *Dale Woodall* Date: 8/11/2022  
 email: DALE.WOODALL@DVN.COM Telephone: 575-748-1838

**OCD Only**

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

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

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    | nAPP2205885153 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Release Notification

### Responsible Party

|                         |   |                              |      |
|-------------------------|---|------------------------------|------|
| Responsible Party       | Devon Energy Production Company         | OGRID                        | 6137 |
| Contact Name            | Dale Woodall                            | Contact Telephone            |      |
| Contact email           | Dale.Woodall@dvn.com                    | Incident # (assigned by OCD) |      |
| Contact mailing address | 6488 Seven Rivers Hwy Artesia, NM 88210 |                              |      |

### Location of Release Source

Latitude 32.25527778 Longitude -103.5738889  
*(NAD 83 in decimal degrees to 5 decimal places)*

|                         |  |                      |     |
|-------------------------|--|----------------------|-----|
| Site Name               | Mesquite Booster @ Thistle 33 Connection | Site Type            | Oil |
| Date Release Discovered | 02/25/2022                               | API# (if applicable) |     |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| O           | 33      | 23S      | 33E   | Lea    |

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 checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 12.6 BBLS   | Volume Recovered (bbls) 9 BBLS                           |
|  | Is the concentration of total dissolved solids (TDS) 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 Equipment failure.

Form C-141  
Page 2

State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2205655153 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

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

### Initial Response

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

|  |
|--|
| <input checked="" type="checkbox"/> The source of the release has been stopped.<br><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.<br><input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.<br><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.  |
| If all the actions described above have <u>not</u> been undertaken, explain why:<br>Spill was not in lined containment.  |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.  |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |
| Printed Name: <u>Kendra DeHoyos</u> Title: <u>EHS Associate</u><br>Signature: <u>Kendra DeHoyos</u> Date: <u>3/11/2022</u><br>email: <u>Kendra.Ruiz@dvn.com</u> Telephone: <u>575-748-0167</u>   |
| <b>OCD Only</b><br>Received by: <u>Jocelyn Harimon</u> Date: <u>03/14/2022</u>   |

NAPP2205655153

| <b>Spill Volume(Bbls) Calculator</b>    |                             |                      |
|---|-----------------------------|----------------------|
| <i>Inputs in blue, Outputs in red</i>   |                             |                      |
| Contaminated Soil measurement           |                             |                      |
| Length(Ft)                              | Width(Ft)                   | Depth(Ft)            |
| <u>9.6</u>                              | <u>10.000</u>               | <u>0.667</u>         |
| Cubic Feet of Soil Impacted             |                             | <u>64.032</u>        |
| Barrels of Soil Impacted                |                             | <u>11.41</u>         |
| Soil Type                               |                             | Clay                 |
| Barrels of Oil Assuming 100% Saturation |                             | <u>1.14</u>          |
| Saturation                              | Damp no fluid when squeezed |                      |
| Estimated Barrels of Oil Released       |                             | <u>0.11</u>          |
| Free Standing Fluid Only                |                             |                      |
| Length(Ft)                              | Width(Ft)                   | Depth(Ft)            |
| <u>9.6</u>                              | <u>10.000</u>               | <u>0.667</u>         |
| Standing fluid                          |                             | <u>11.389</u>        |
| <b>Total fluids spilled</b>             |                             | <b><u>12.530</u></b> |

**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 146010

**CONDITIONS**

|   |   |
|---|---|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137  |
|   | Action Number:<br>146010                                  |
|   | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition  | Condition Date |
|------------|--|----------------|
| jnobui     | Closure Report Approved. Going forward, please provide photos of a release post excavation but pre backfill in the closure report per 19.15.29.12.E.(1)(b) NMAC. | 9/27/2022      |