

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	nAPP2217329066
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Devon Energy	OGRID 6137
Contact Name Dale Woodall	Contact Telephone 405 318 4697
Contact email: Dale.Woodall@dvn.com	Incident # (assigned by OCD) nAPP22173229066
Contact mailing address: 6488 Seven Rivers Highway, Artesia, NM 88210	

Location of Release Source

Latitude 32.0491528 N

Longitude -103.516478

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Devon Energy Fighting Okra 18-19 Fed 71H CTB 3	Site Type: Production Central Tank Battery
Date Release Discovered June 21, 2022	API# (if applicable) N/A

Unit Letter	Section	Township	Range	County
D	18	26	34E	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) 200.88	Volume Recovered (bbls) 200.88
	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: Corrosion caused a pinhole leak in 4-inch piping to water tanks in the containment. The pipe was isolated and the leak was stopped. The pipe was replaced and the Battery is back in service.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2217329066
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? A 200.88 bbl release is defined as a major leak per the definition in NMAC 19.15.29.7.A. Please note that this leak was captured inside a containment and no fluids spilled to the ground.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Verbal and email notification was given to NMOCD by Dale Woodall on 6/21/2022	

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. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <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: N/A
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>Dale Woodall</u> Title: <u>Environment Professional</u> Signature: <u>Dale Woodall</u> Date: <u>9/22/2022</u> email: <u>Dale.Woodall@dvn.com</u> Telephone: <u>405 318 4697</u>
<u>OCD Only</u> Received by: _____ Date: _____

Incident ID	nAPP2217329066
District RP	
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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>Est. 200</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

Characterization Report Checklist: *Each of the following items must be included in the report.* **NOTE: All fluids released were captured within a lined containment. This C-141 documents the requirements of NMAC 19.15.29.11.5(a)(i) and (ii). A documented liner inspection including photographs with time, date, directionals and coordinates are included with the closure request. 48 hours-notice was given to NMOCD in the event that NMOCD wanted to observe the liner inspection.**

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2217329066
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: Environment Professional

Signature: Dale Woodall Date: 9/22/2022

email: Dale.Woodall@dvn.com Telephone: 405 318 4697

OCD Only

Received by: Jocelyn Harimon Date: 09/22/2022

Incident ID	nAPP2217329066
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan. **Note:** This release occurred within a lined containment. The release was 200.88 bbls of produced water. Vacuum Trucks were used to remove the fluids. The liner was inspected July 7, 2022 and found to be intact. No fluids were spilled to the ground. The fluids were properly disposed. No delineation is required. No soil, surface or groundwater remediation is required. The pipe was repaired and the battery is back in service.

- 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: Environment Professional
 Signature: Dale Woodall Date: 9/22/2022
 email: Dale.Woodall@dvn.com Telephone: 405 318 4697

OCD Only

Received by: Jocelyn Harimon Date: 09/22/2022

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

Incident ID	nAPP2217329066
District RP	
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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)
None required.
- 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: Environment Professional

Signature: _____ Date: _____

email: Dale.Woodall@dvn.com Telephone: 405 318 4697

OCD Only

Received by: Jocelyn Harimon Date: 09/22/2022

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: _____ Date: _____

Printed Name: _____ Title: _____

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Release Notification

Responsible Party

Responsible Party: Devon Energy	OGRID 6137
Contact Name Dale Woodall	Contact Telephone 405 318 4697
Contact email: Dale.Woodall@dvn.com	Incident # (assigned by OCD) nAPP22173229066
Contact mailing address: 6488 Seven Rivers Highway, Artesia, NM 88210	

Location of Release Source

Latitude 32.0491528 N

Longitude -103.516478

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Devon Energy Fighting Okra 18-19 Fed 71H CTB 3	Site Type: Production Central Tank Battery
Date Release Discovered June 21, 2022	API# (if applicable) N/A

Unit Letter	Section	Township	Range	County
D	18	26	34E	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) 200.88	Volume Recovered (bbls) 200.88
	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: Corrosion caused a pinhole leak in 4-inch piping to water tanks in the containment. The pipe was isolated and the leak was stopped. The pipe was replaced and the Battery is back in service.

State of New Mexico
Oil Conservation Division

Page 2

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District RP	
Facility ID	
Application ID	

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If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Verbal and email notification was given to NMOCD by Dale Woodall on 6/21/2022	

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. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <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: N/A
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.
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<u>OCD Only</u> Received by: _____ Date: _____

Incident ID	nAPP2217329066
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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>Est. 200</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

Characterization Report Checklist: *Each of the following items must be included in the report.* **NOTE: All fluids released were captured within a lined containment. This C-141 documents the requirements of NMAC 19.15.29.11.5(a)(i) and (ii). A documented liner inspection including photographs with time, date, directionals and coordinates are included with the closure request. 48 hours-notice was given to NMOCD in the event that NMOCD wanted to observe the liner inspection.**

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

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District RP	
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Printed Name: Dale Woodall Title: Environment Professional

Signature: Dale Woodall Date: 9/22/2022

email: Dale.Woodall@dvn.com Telephone: 405 318 4697

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2217329066
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Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan. **Note:** This release occurred within a lined containment. The release was 200.88 bbls of produced water. Vacuum Trucks were used to remove the fluids. The liner was inspected July 7, 2022 and found to be intact. No fluids were spilled to the ground. The fluids were properly disposed. No delineation is required. No soil, surface or groundwater remediation is required. The pipe was repaired and the battery is back in service.

- 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: Environment Professional
 Signature: Dale Woodall Date: 9/22/2022
 email: Dale.Woodall@dvn.com Telephone: 405 318 4697

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

Incident ID	nAPP2217329066
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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)
None required.
- 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: Environment Professional

Signature: Dale Woodall Date: 9/26/2022

email: Dale.Woodall@dvn.com Telephone: 405 318 4697

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: Jennifer Nobui Date: 09/26/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

McNabb Partners



DATE: July 12, 2022

New Mexico Oil Conservation Division, District 1
1625 N French Drive
Hobbs, New Mexico 88240

Re: **Closure Request**

Name of Site Devon Energy Fighting Okra 18-19 Fed 71 H CTB 3

Incident ID #: nAPP2217329066

McNabb Partners (McNabb), on behalf of Devon Energy (Devon), hereby submits the following Closure Request in response to a release at the location named above and further described below.

Site Information	
Incident ID #	nAPP2217329066
Site Name	Fighting Okra 18-19 Fed 71 H CTB 3
Company	Devon Energy
County	Lea
ULSTR	UL D, Sect 18, TWP 26, R34E
GPS Coordinates (NAD 83)	Lat. 32.0491528 N, Long. -103.516478
Landowner	Federal

BACKGROUND AND RELEASE CHARACTERIZATION

On June 21, 2022, Devon Energy reported an approximate 201 bbl. produced water release within a lined battery containment at the Fighting Okra 18-19 Fed 71 H CTB 3. The release was caused when internal corrosion caused a pinhole leak in 4-inch piping to water tanks within the containment. The pipe was isolated and the leak was stopped. A liner inspection was conducted on Thursday, July 7, 2022. No defects in the liner were observed. The inspection was photo-documented. The inspection report along with documentation photos is provided as an attachment hereto. The required 48-hour notice of liner inspection was delivered by email to the New Mexico Oil Conservation Division (NMOCD) Staff on the morning of July 5, 2022.

Release Information	
Date of Release	June 21, 2022
Nature of the Release	Reported as produced water
Source of the Release	Internal Corrosion caused a pin hole leak.
Volume Released – Produced water	Approximately 201 bbls
Volume Recovered – Produced water	Approximately 201 bbls
Affected Area – Impacted Soil	No soil on a pad or in the pasture was affected
Site Location Map	Figure 1.

SITE INFORMATION AND CLOSURE CRITERIA

Depth to Groundwater/Wellhead Protection:

Data Source	Well Designation	Data Date	Depth (Ft)
NMOSE	C-02295	1943	200

Online searches of the groundwater well databases maintained by the New Mexico Office of State Engineer (NMOSE) and the United States Geological Survey (USGS) were conducted to determine if any registered groundwater wells are located within ½ mile of the release site. The searches revealed that no wells were found in the databases that meets the New Mexico Oil Conservation Division (NMOCD) criteria for age of the data, distance of the data point well from the release point and a data point well having a diagram of construction. A well did show up in the database (C-02295) drilled by Intrepid Potash reportedly as a stock watering location. The well is approximately 2630 feet from the coordinate provided for the containment area.

Depth to Groundwater/Wellhead Protection:

Site Characterization	Distance to Nearest Watercourse
Low Karst	> 1000 feet

A Liner Inspection was performed in accordance with the New Mexico Administrative Code Title 19 – Chapter 15 Part 29.11.5, i and ii. for this release incidental to oil and gas development and production in New Mexico (effective August 14, 2018). To summarize the Site Assessment/Characterization Evaluation, the release of produced water was completely within the fully lined containment of a tank battery. The battery is located in a low karst area, there is no continually flowing watercourse, no lake bed, sinkhole or playa, no fresh water well or spring and no wetlands noted within the regulatorily promulgated distances in the vicinity of the battery. Google Earth® was consulted to see if there are potential receptors nearby the battery facility. No nearby receptors, entities or boundaries (residence, schools, hospitals, institutions, churches, mining, municipal or other ordinance boundaries) appear to be present within the regulatorily promulgated distances from the release site.

Regulatory Framework:

Regulatory– Recommended Remedial Action Levels (RRALs)	
Not Required	N/A

DELINEATION AND REMEDIATION ACTIONS**Initial Sampling Activities:**

Delineation Summary	
Delineation Dates	Not Required
Sample Locations	Not Required
Total Initial Samples	Not Required
Depths Sampled	Not Required
Delineation Map	Not Required
Laboratory Results	Not Required

Remediation Activities:

Remediation Summary	
Remediation Dates	Not Required
Confirmation Sample Notification	Not Required
Liner Variance Request	Not Required
Deferral Request	Not Required
Depth(s) Excavated	Not Required
Area Represented by Required five-point Confirmation Samples – Floors and Walls	Not Required
Total Volume of Soil Excavated	Not Required
Remediation Map	Not Required
Laboratory Results	Not Required

The released fluids were fully contained. No fluids were released into the environment. Because this was a fully contained release, no media sampling (soil/water) was required.

SITE RECLAMATION AND RESTORATION

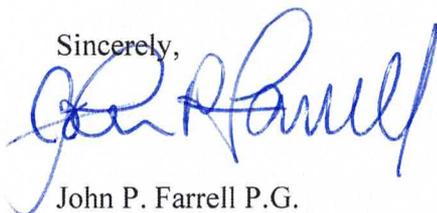
The released fluids were fully contained. No fluids were released into the environment. Therefore, no site reclamation and site restoration were required for this incident.

REQUEST FOR CLOSURE

Supporting Documentation	
Initial C-141 with Spill Calculations	Signed and attached
C-141, page 6	Signed and attached
Laboratory Results with Chains of Custody	Not Required
Delineation and Remediation Maps	Not Required
US National Wetlands Inventory Map	Figure 2
FEMA Flood hazard Map	Figure 3
Karst Potential Map	Figure 4
Depth to Groundwater Maps and Sources	Attachment 1
USDA Soil Survey	Attachment 2
Liner Inspection Form	Attachment 3
Site Photography	Attachment 4
48 Hour Inspection Notice to NMOCD	Attachment 5

This site was protected by a safeguard (the synthetic reinforced liner) installed at the time of battery construction. Upon inspection, the liner was found to be fully intact without visible defects. There was no spill of fluids to the ground. Therefore, on behalf of Devon Energy, McNabb Partners respectfully requests that the NMOCD grant closure approval for Incident # nAPP2217329066.

Sincerely,



John P. Farrell P.G.

APPENDICES

- Figures
- Attachments

NM OCD OIL AND GAS MAP

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map User Guide

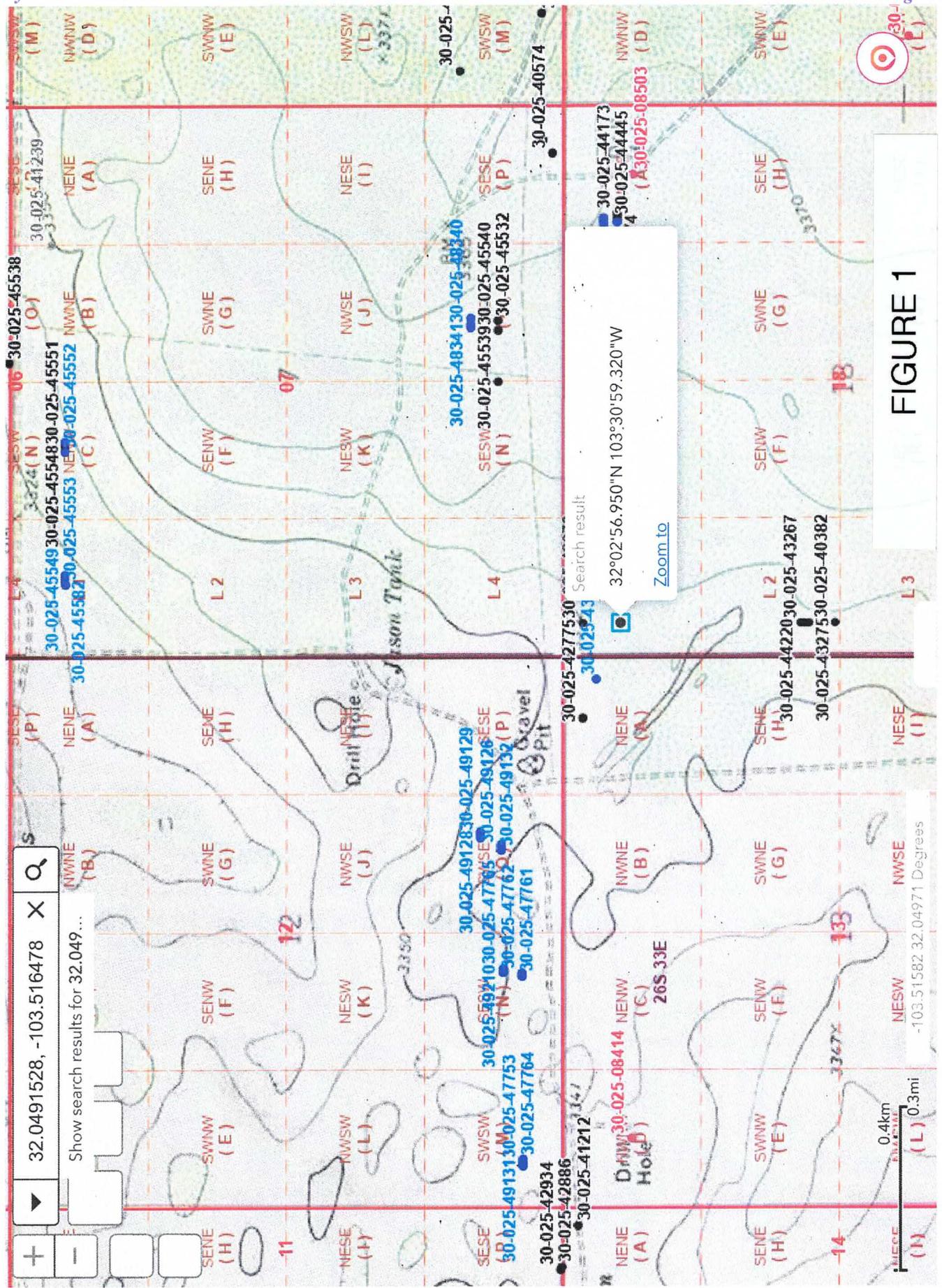


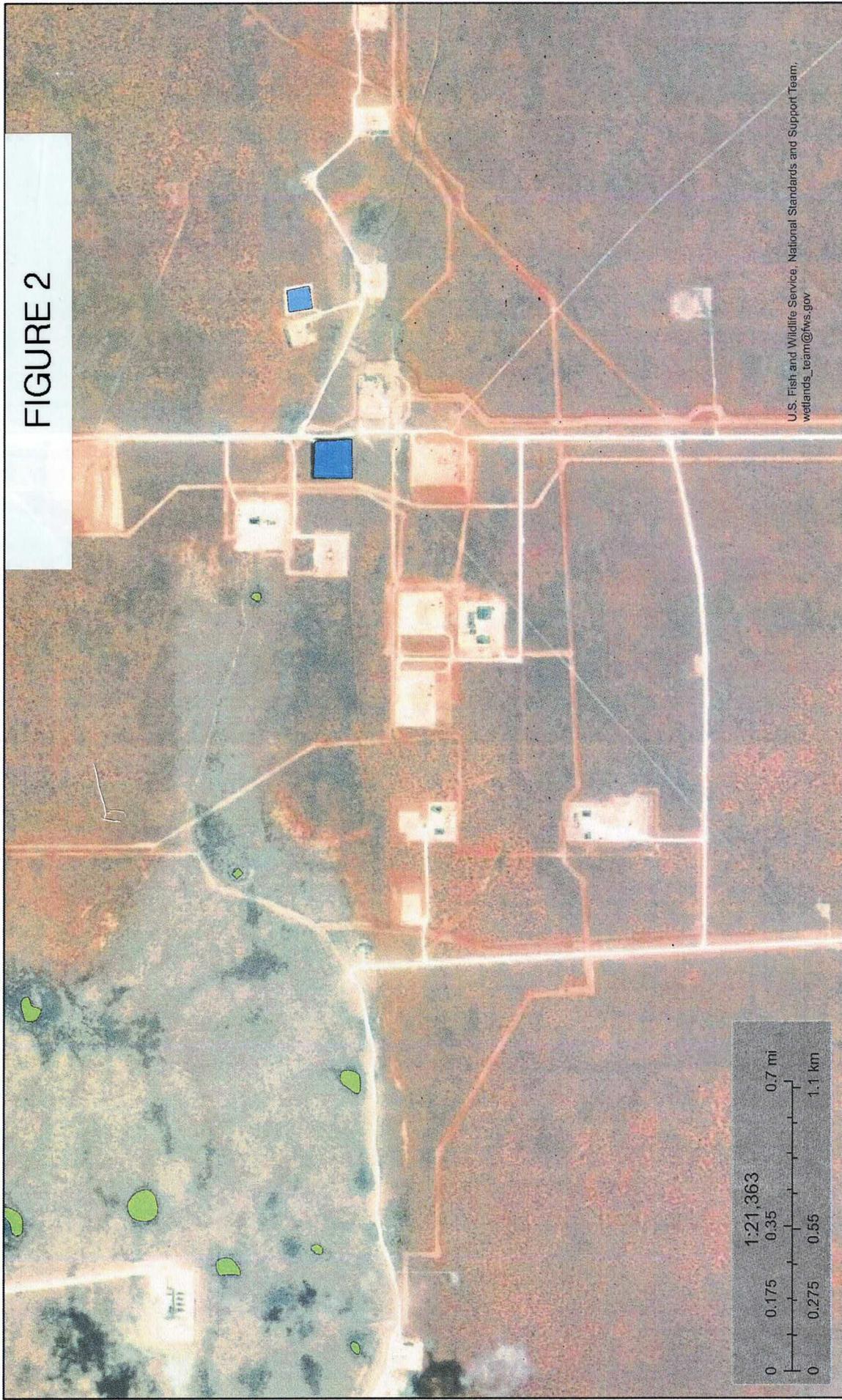
FIGURE 1

All rights reserved

Devon Energy Fighting Okra CTB 3



U.S. Fish and Wildlife Service
National Wetlands Inventory



This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

- July 1, 2022
- Wetlands**
- Estuarine and Marine Deepwater
 - Estuarine and Marine Wetland
 - Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland
 - Freshwater Pond
 - Lake
 - Other
 - Riverine



Legend

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

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

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/11/2022 at 9:37 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



103°30'31"W 32°2'8"N

0 250 500 1,000 1,500 2,000 Feet

Basemap: IBCS National Map, Orthoimagery. Data refracted October 2020

Karst Potential Map

Location of Devon Energy Fighting Okra 18-19 Fed 71H CTB 3 is in a low karst area

128

Legend

-  32.0491528, -103.516478
-  Circle Measure
-  Feature 1
-  Low Karst Area



Google Earth

FIGURE 4



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 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04626 POD1	CUB	LE		4	2	1	18	26S	34E	640644	3546672	610			
C 02295	CUB	LE		2	2	4	12	26S	33E	639865	3547624	802	250	200	50

Average Depth to Water: **200 feet**

Minimum Depth: **200 feet**

Maximum Depth: **200 feet**

Record Count: 2

Basin/County Search:

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 640059

Northing (Y): 3546846

Radius: 810

ATTACHMENT 1

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.



New Mexico Office of the State Engineer

Water Right Summary



[get image list](#)

WR File Number: C 02295 **Subbasin:** CUB **Cross Reference:** -
Primary Purpose: PLS NON 72-12-1 LIVESTOCK WATERING
Primary Status: DCL DECLARATION
Total Acres: 0 **Subfile:** - **Header:** -
Total Diversion: 3 **Cause/Case:** -
Owner: INTREPID POTASH NEW MEXICO LLC
Contact: KATIE KELLER

Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/	Acres	Diversion	Consumptive
			1	2		To			
get images 673898	UWL	2020-05-15	UWL	ACC	C 02295	T	0	0	
get images 652904	COWNF	2019-06-11	CHG	PRC	C 02295	T	0	0	
get images 648787	COWNF	2019-03-20	CHG	PRC	C 02295	T	0	0	
get images 198381	DCL	1993-02-02	DCL	PRC	C-02295	T	0	3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q	Q	Q	Sec	Tws	Rng	X	Y	Other Location Desc
C 02295			64	16	4						
			2	2	4	12	26S	33E	639865	3547624	

Priority Summary

Priority	Status	Acres	Diversion	Pod Number	Source
12/31/1949	DCL	0	3	C 02295	

Place of Use

Q	Q	Q	Q	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
256	64	16	4				0	3		PLS	12/31/1943	DCL	NO PLACE OF USE GIVEN

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.

Nearest NMOSE Water Well C 022295

Well is 2633.43 feet NNW of the Devon Energy Fighting Okra CTB 3

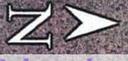
32.056194, -103.518417
NMOSE Well C 022295

Devon Fighting Okra CTB 3 Pad

Legend

-  32.056194, -103.518417
-  Fighting Okra CTB 3 Pad
-  NMOSE Well C 022295

3000 ft





USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

! We're replacing this page with a [Next Generation Monitoring Location Page](#). We're modernizing Water Data for the Nation delivery. [Find out what this means for you](#). This page will be discontinued Jan.1, 2023.

Search Results -- No sites were found that meet the following criteria...

Parameter codes = 61055

Site type = Well

State/Territory = New Mexico

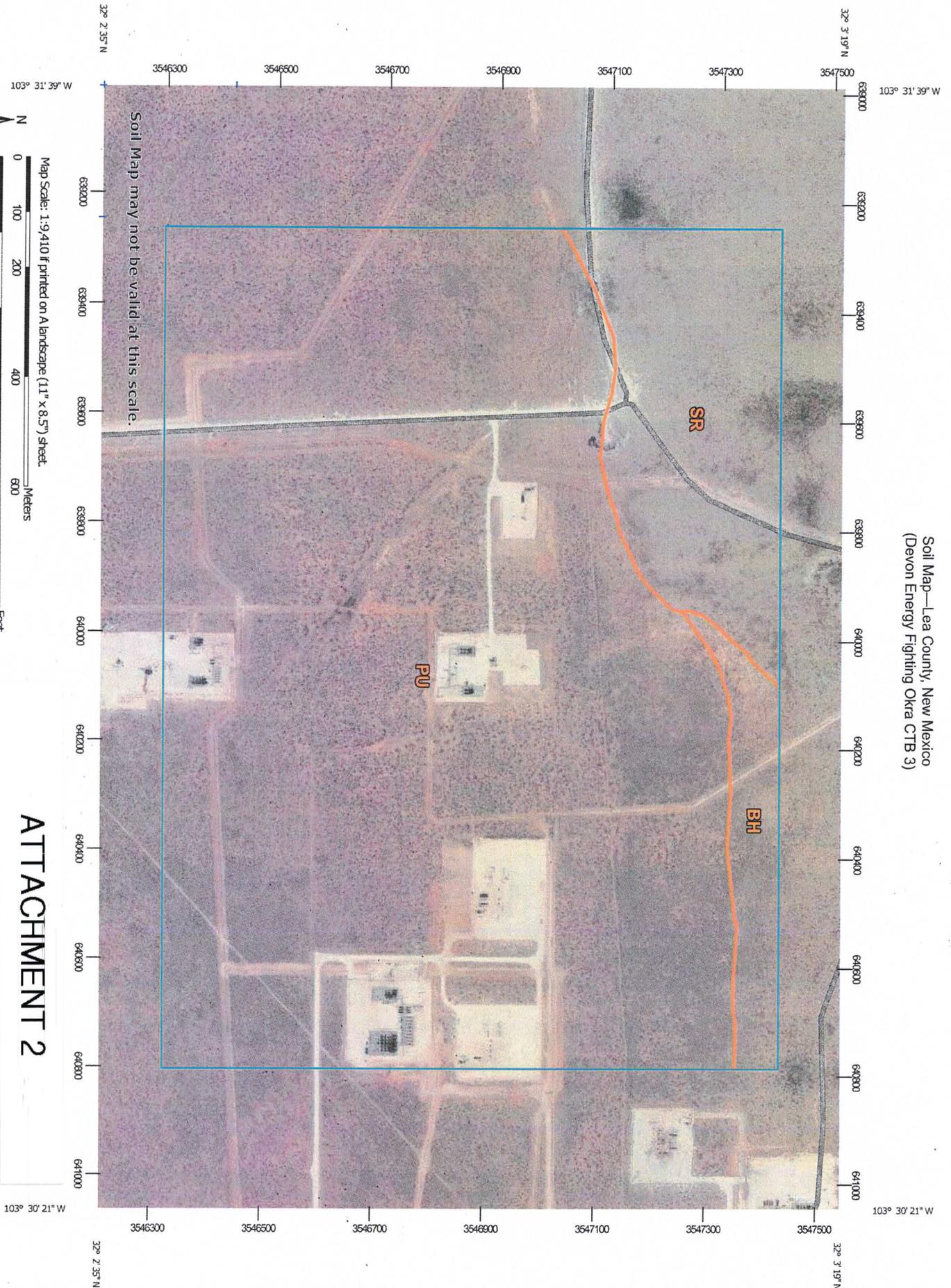
lat_long_bounding_box =

Position	Latitude	Longitude
Corner 1	32.064144	-103.533438
Corner 2	32.034676	-103.499435

Coordinates are entered as Decimal Degrees. DMS values are converted to Decimal degrees using NAD83 as the datum. Make your bounding box bigger if you are using NAD27 Datum for your DMS values



Soil Map—Lea County, New Mexico
(Devon Energy Fighting Okra CTB 3)



Soil Map may not be valid at this scale.

Map Scale: 1:9,410 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

ATTACHMENT 2

MAP LEGEND

	Area of Interest (AOI)		Spill Area
	Area of Interest (AOI)		Stony Spot
	Soils		Very Stony Spot
	Soil Map Unit Polygons		Wet Spot
	Soil Map Unit Lines		Other
	Soil Map Unit Points		Special Line Features
	Special Point Features		Water Features
	Blowout		Streams and Canals
	Borrow Pit		Transportation
	Clay Spot		+++ Rails
	Closed Depression		Interstate Highways
	Gravel Pit		US Routes
	Gravelly Spot		Major Roads
	Landfill		Local Roads
	Lava Flow		Background
	Marsh or swamp		Aerial Photography
	Mine or Quarry		
	Miscellaneous Water		
	Perennial Water		
	Rock Outcrop		
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slipp		
	Sodic Spot		

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 18, Sep 10, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BH	Berino-Cacique association, hummocky	16.8	4.0%
PU	Pyote and Maljamar fine sands	351.5	82.9%
SR	Simona-Upton association	55.5	13.1%
Totals for Area of Interest		423.8	100.0%

Date: July 7, 2022

Time: 11:30 AM

To Whom it May Concern:

Devon Energy contracted with McNabb Partners regarding a release within a lined containment at location: Fighting Okra 18-19 Fed 71H CTB 3, Incident Number nAPP2217329066 and at coordinates: LAT. 32.0491528 N, Long. -103.516478 W for a liner inspection.

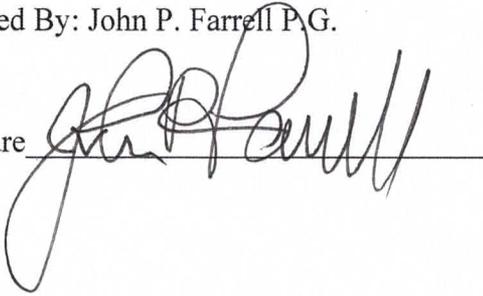
The NMOCD the required 48-hours-notice of liner inspection was given to the District 1 Office and at Website: ocd.enviro@state.nm.us as required. Upon inspection, no defects were found in the liner, thus no fluids escaped to the ground beneath or adjacent to the liner. The liner was systematically inspected and time/date/coordinates stamped photos showing the condition of the liner were taken to demonstrate liner integrity.

A vacuum truck was deployed to recover the fluids and dispose of them properly. No further action is required at the location.

A Closure Request will be sent to NMOCD with Copy to: jamos@blm.gov to complete this action.

Inspected By: John P. Farrell P.G.

Signature

A handwritten signature in black ink, appearing to read "John P. Farrell", is written over a horizontal line. The signature is cursive and somewhat stylized.

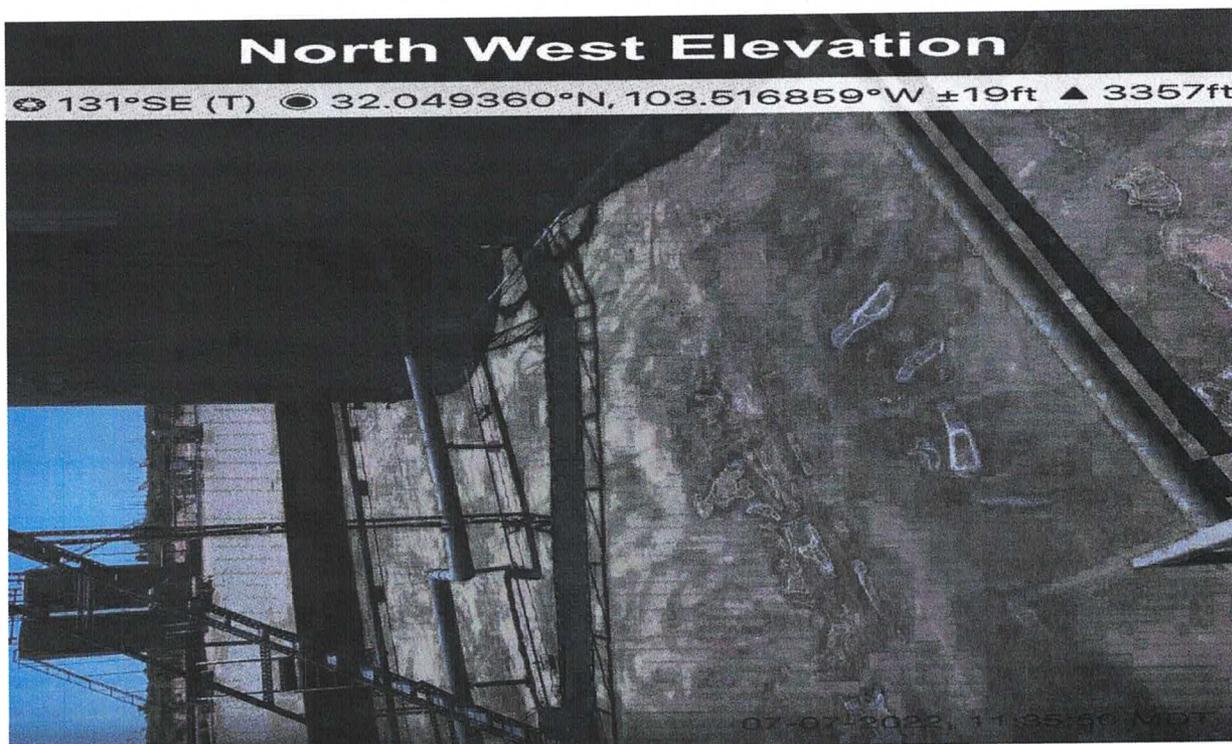
ATTACHMENT 3

ATTACHMENT 4

Devon Energy Fighting Okra 18-19 Fed 71H CTB 3 July 7, 2022

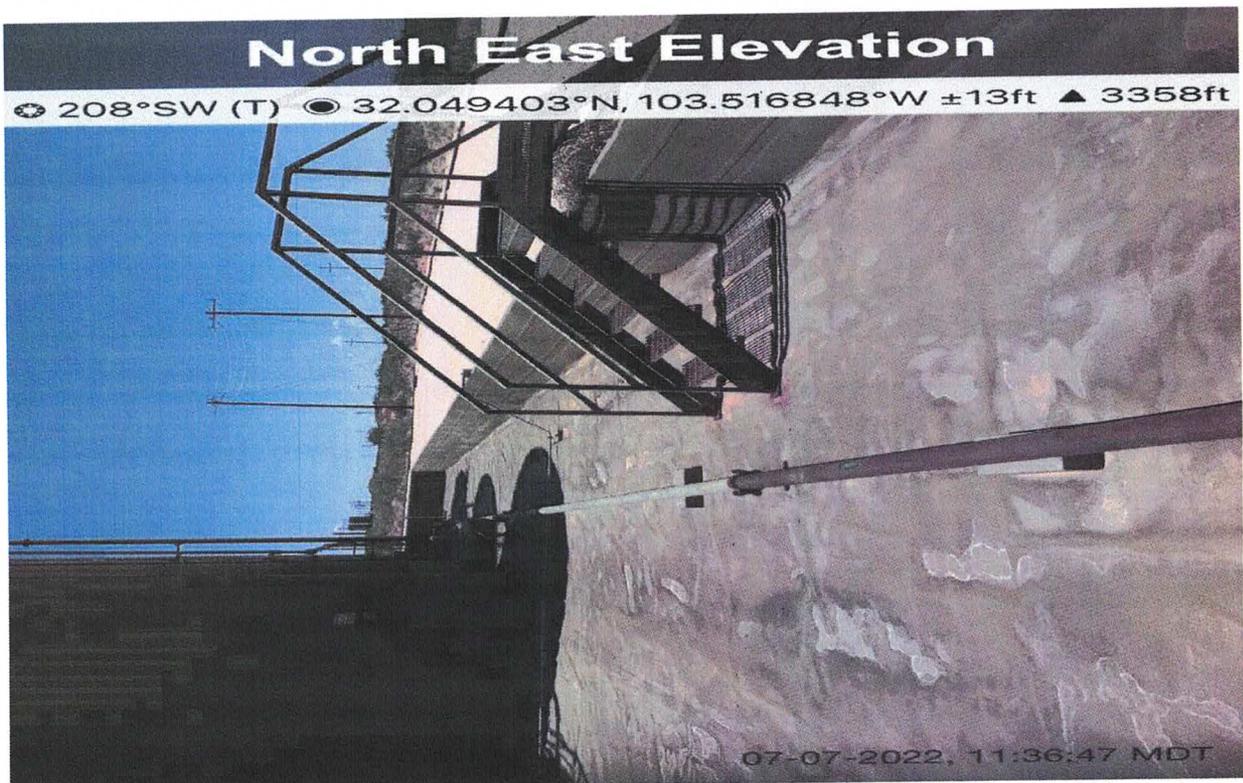


North End of Containment looking Easterly

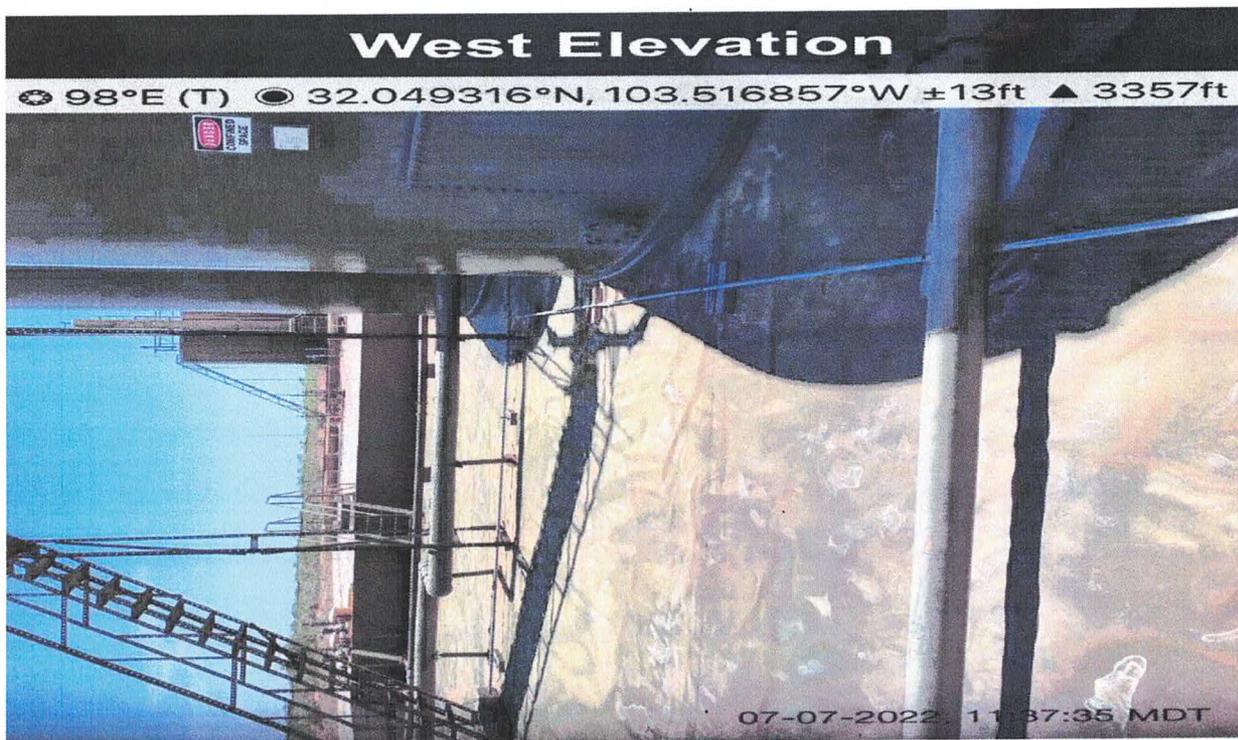


North End of Containment Looking Southeast

Devon Energy Fighting Okra 18-19 Fed 71H CTB 3 July 7, 2022

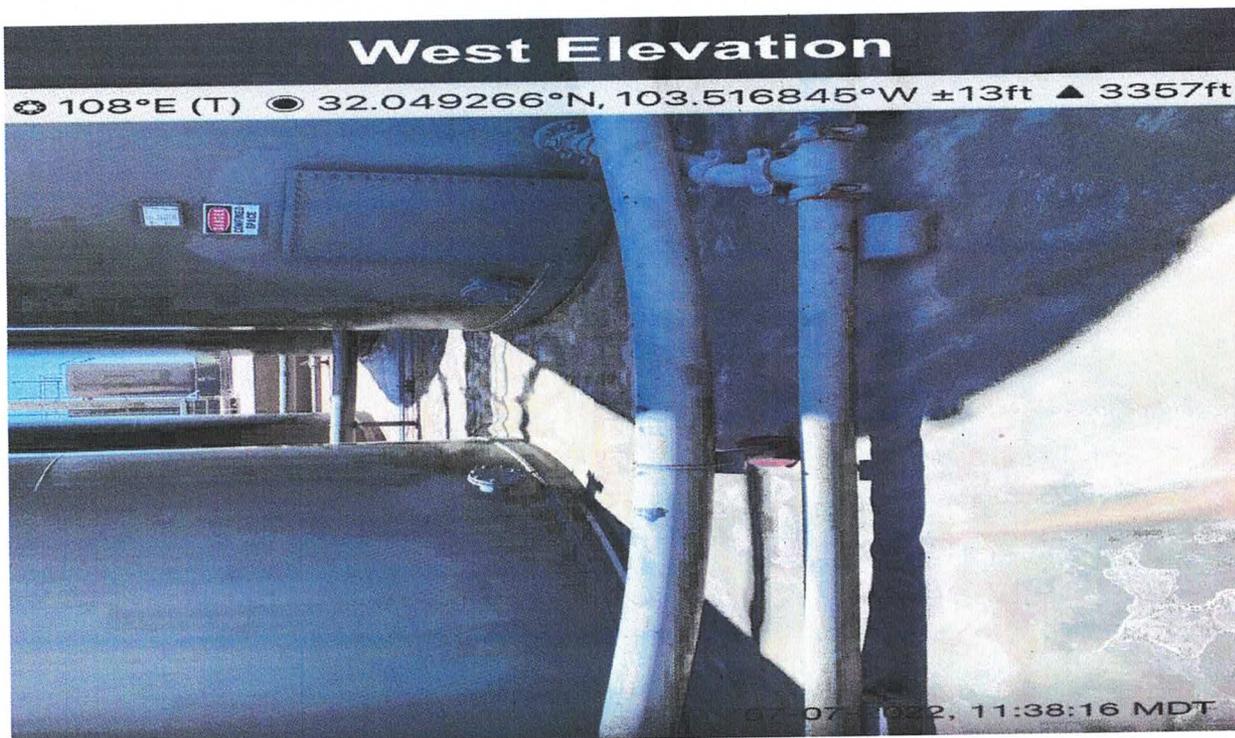


West Side of the Containment Looking Southwesterly

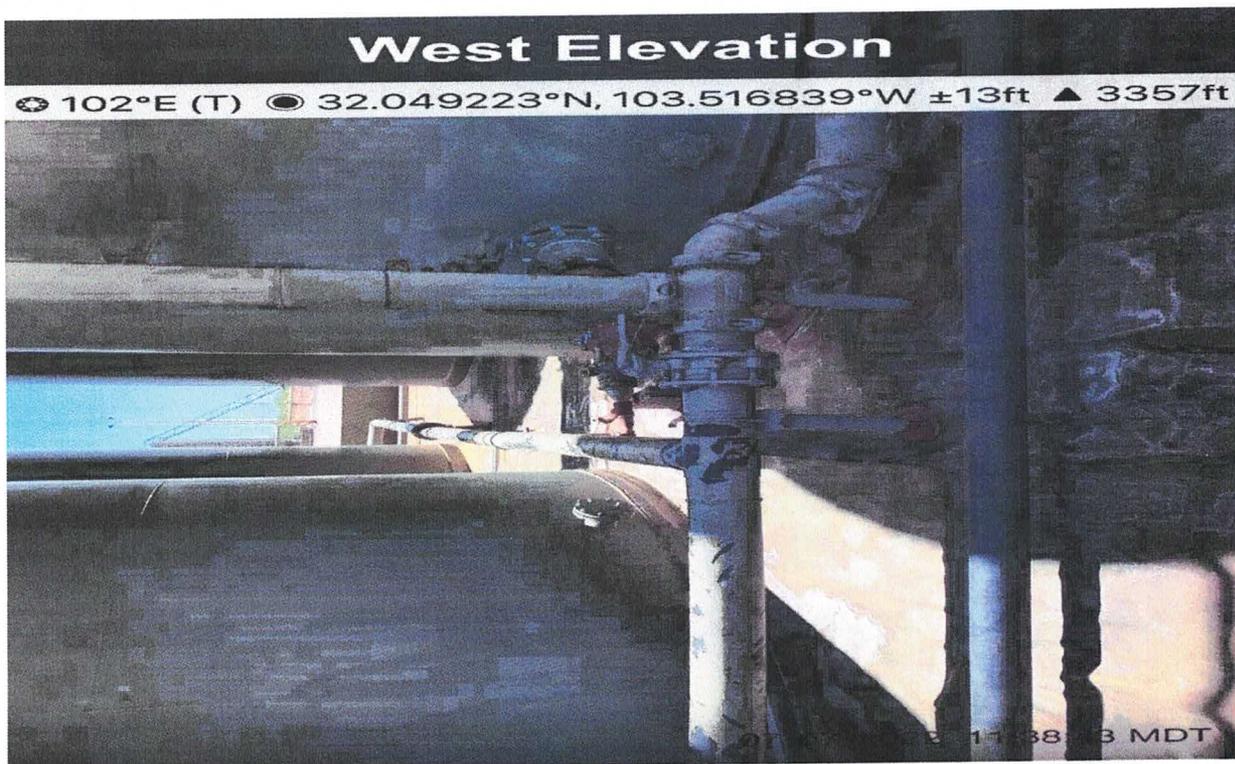


North End of the Containment Looking Easterly

Devon Energy Fighting Okra 18-19 Fed 71H CTB 3 July 7, 2022



Walking North to South – Photo Between the First and Second Group of Tanks Looking East



Walking North to South – Photo Between the Second and Third Group of Tanks Looking East

Devon Energy Fighting Okra 18-19 Fed 71H CTB 3 July 7, 2022

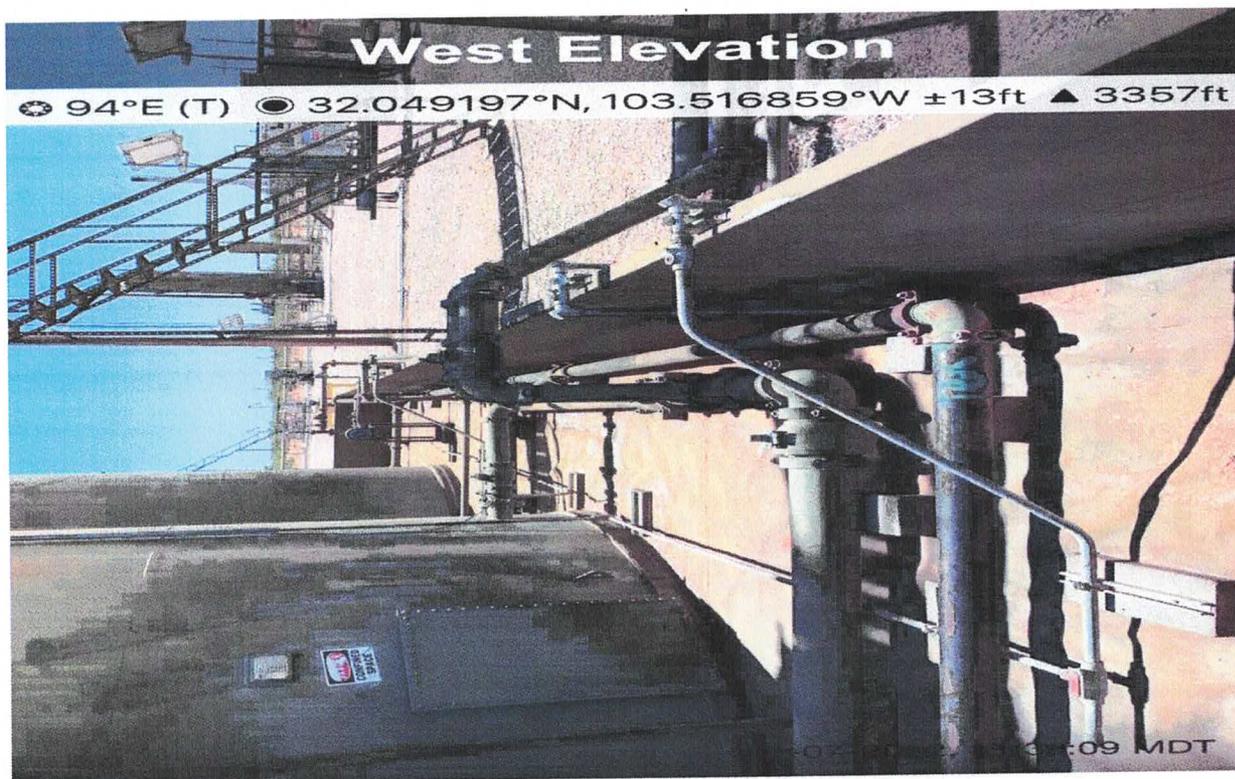


Photo at the South End of the Battery Looking East

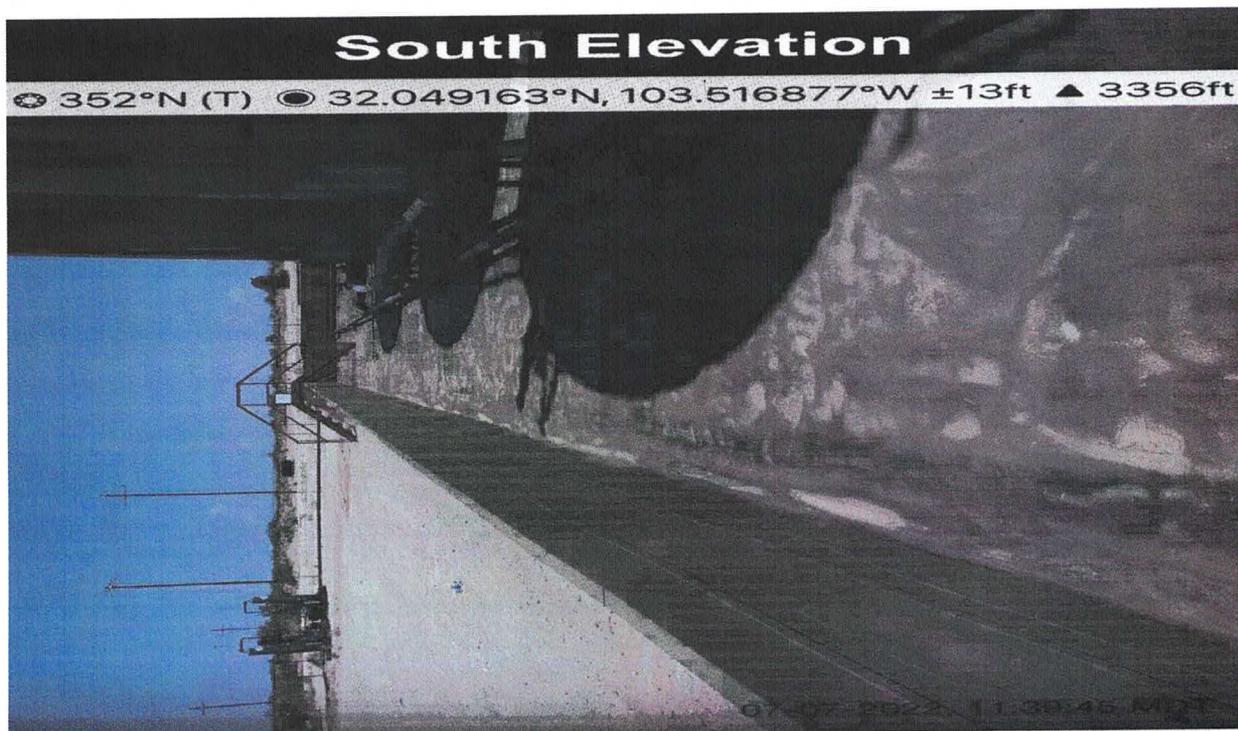


Photo of the West Side of the Battery Looking North

Devon Energy Fighting Okra 18-19 Fed 71H CTB 3 July 7, 2022

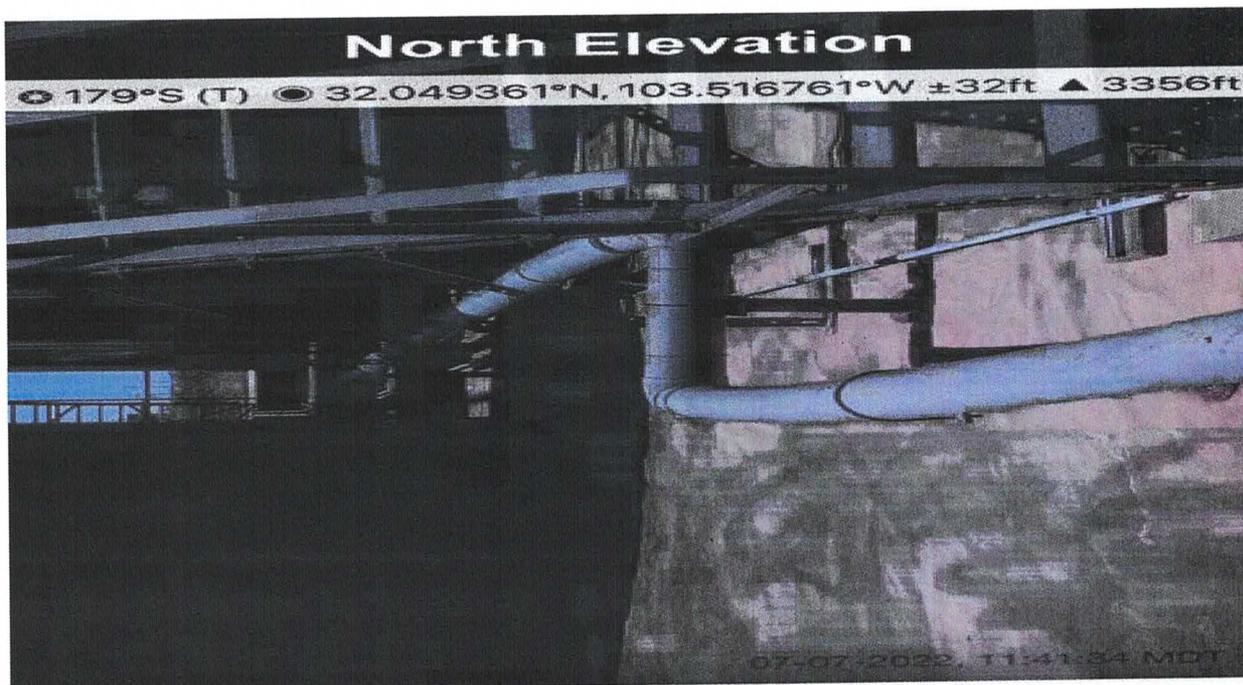
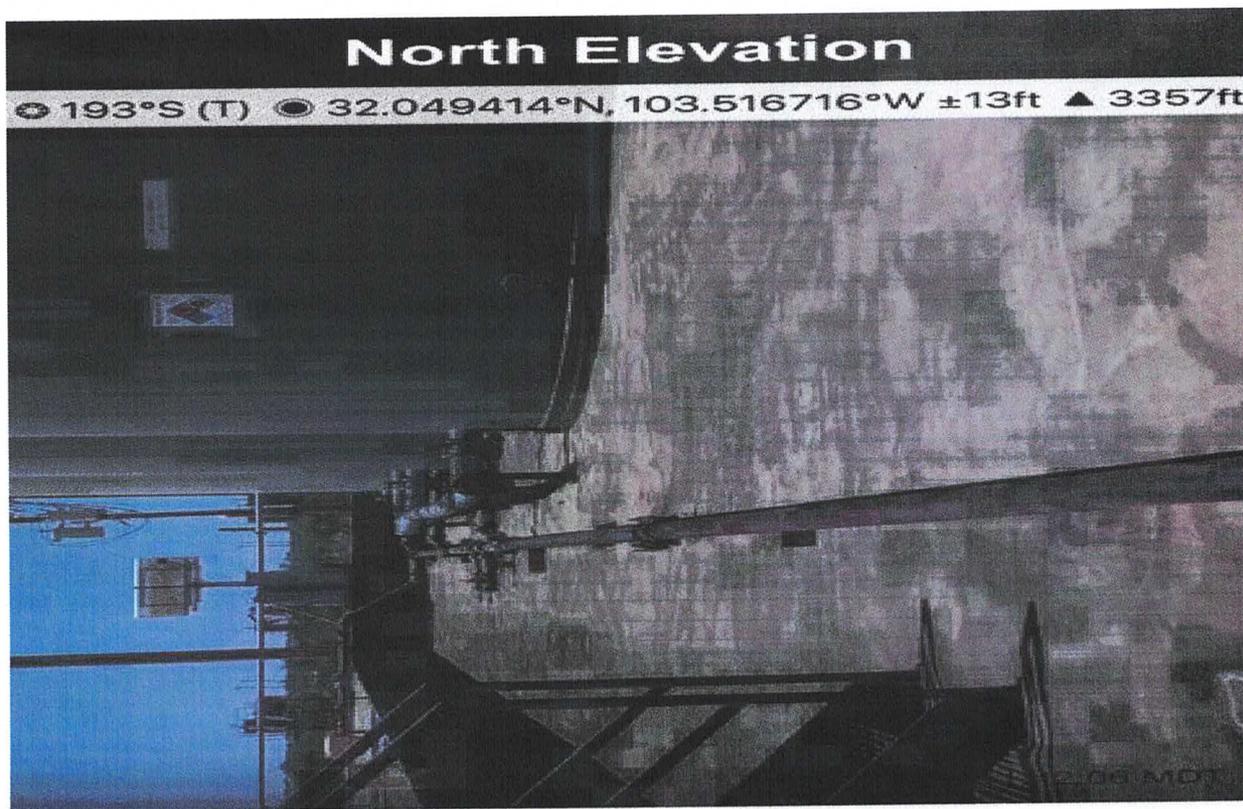
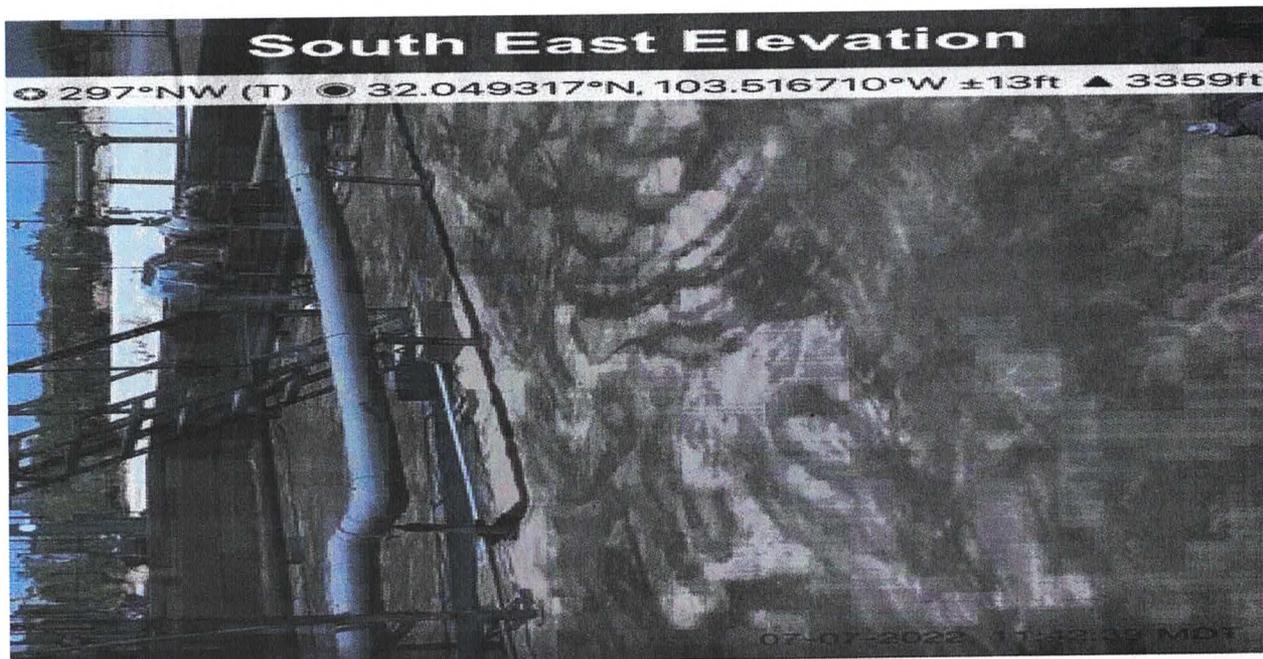


Photo Between the Tanks Looking North to South

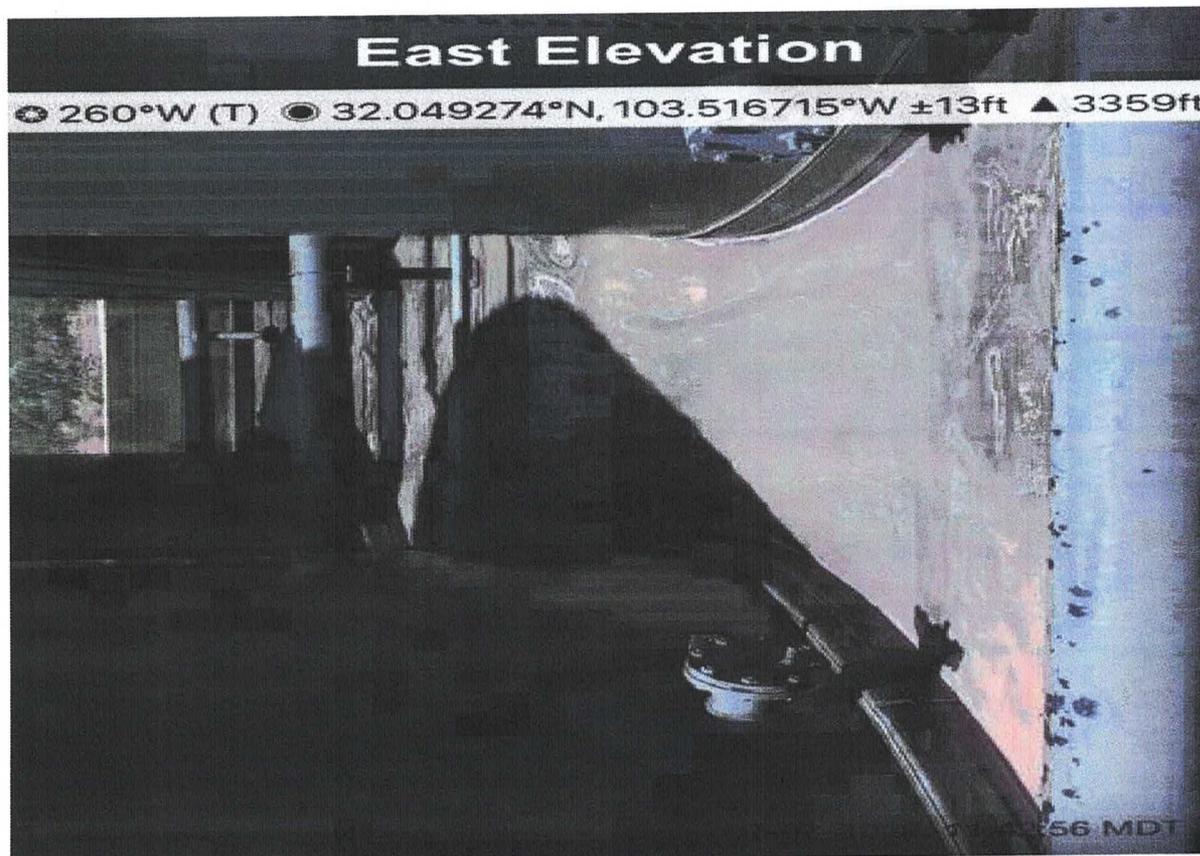


West Side of the Battery Looking South

Devon Energy Fighting Okra 18-19 Fed 71H CTB 3 July 7, 2022

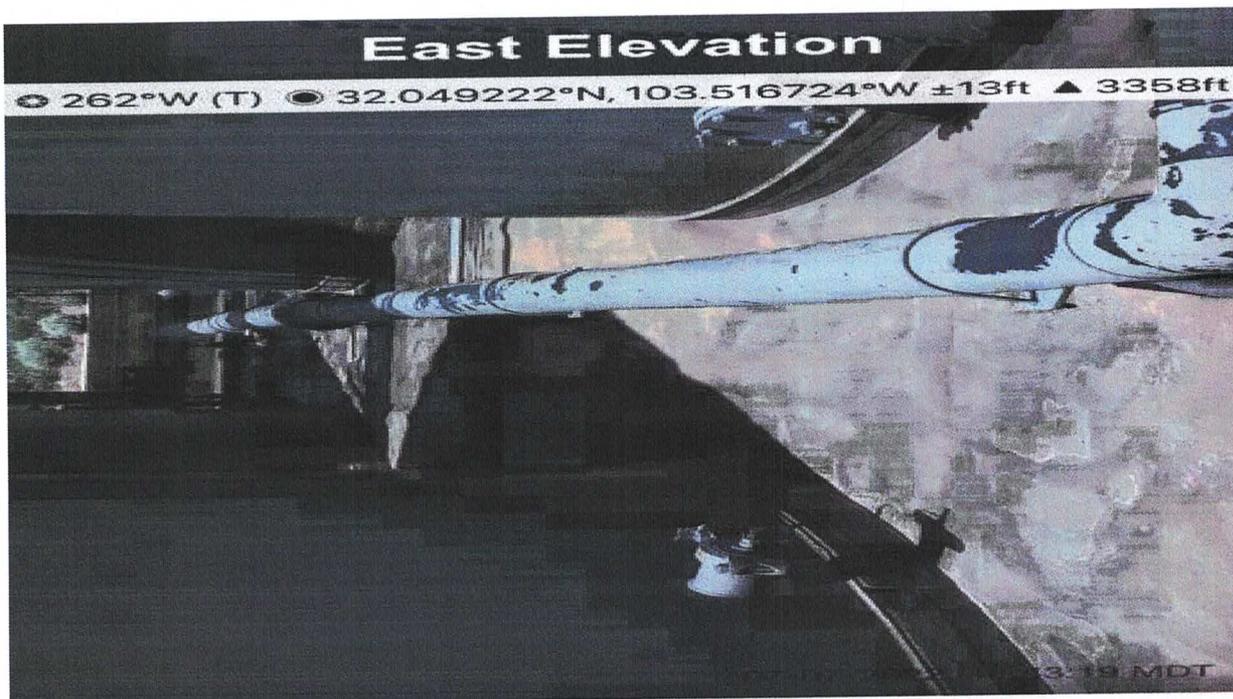


Northwest Corner of the Containment

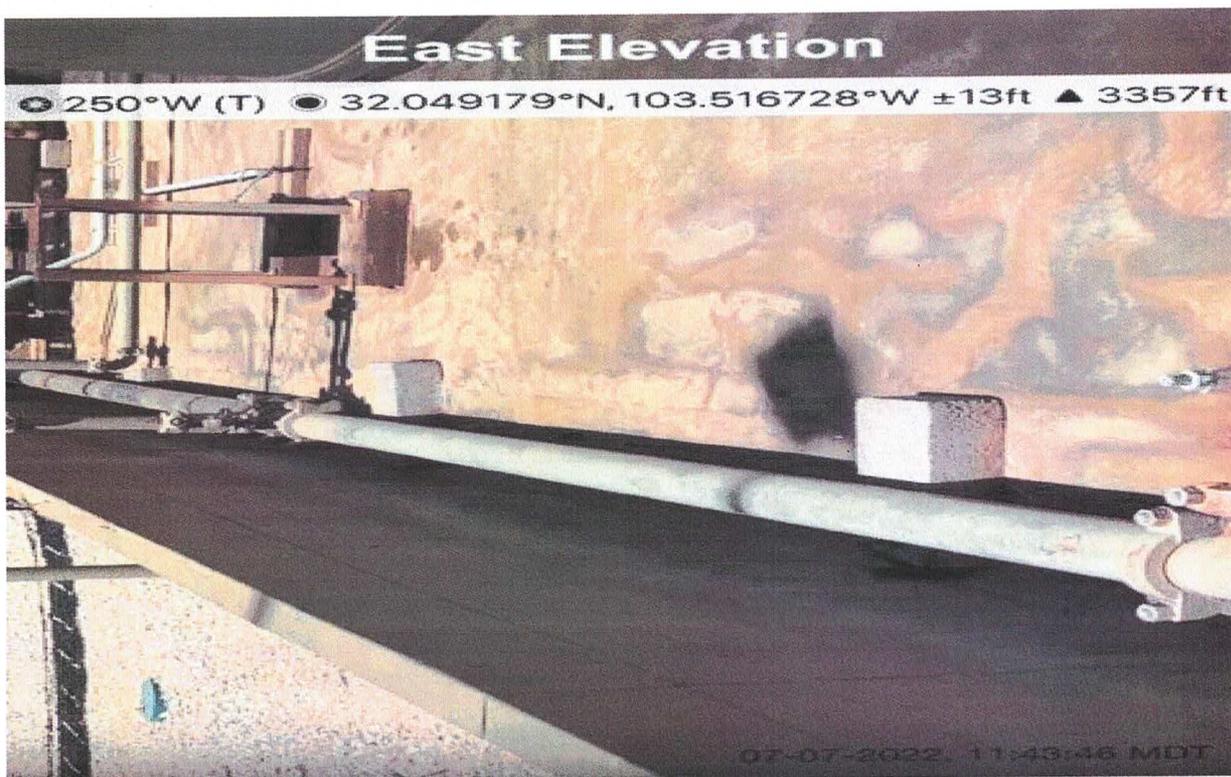


Walking North to South – Photo Between the First and Second Group of Tanks Looking West

Devon Energy Fighting Okra 18-19 Fed 71H CTB 3 July 7, 2022



Walking North to South – Photo Between the Second and Third Group of Tanks Looking West



South End of the Battery Looking West

Devon Energy Fighting Okra 18-19 Fed 7IH CTB 3 July 7, 2022

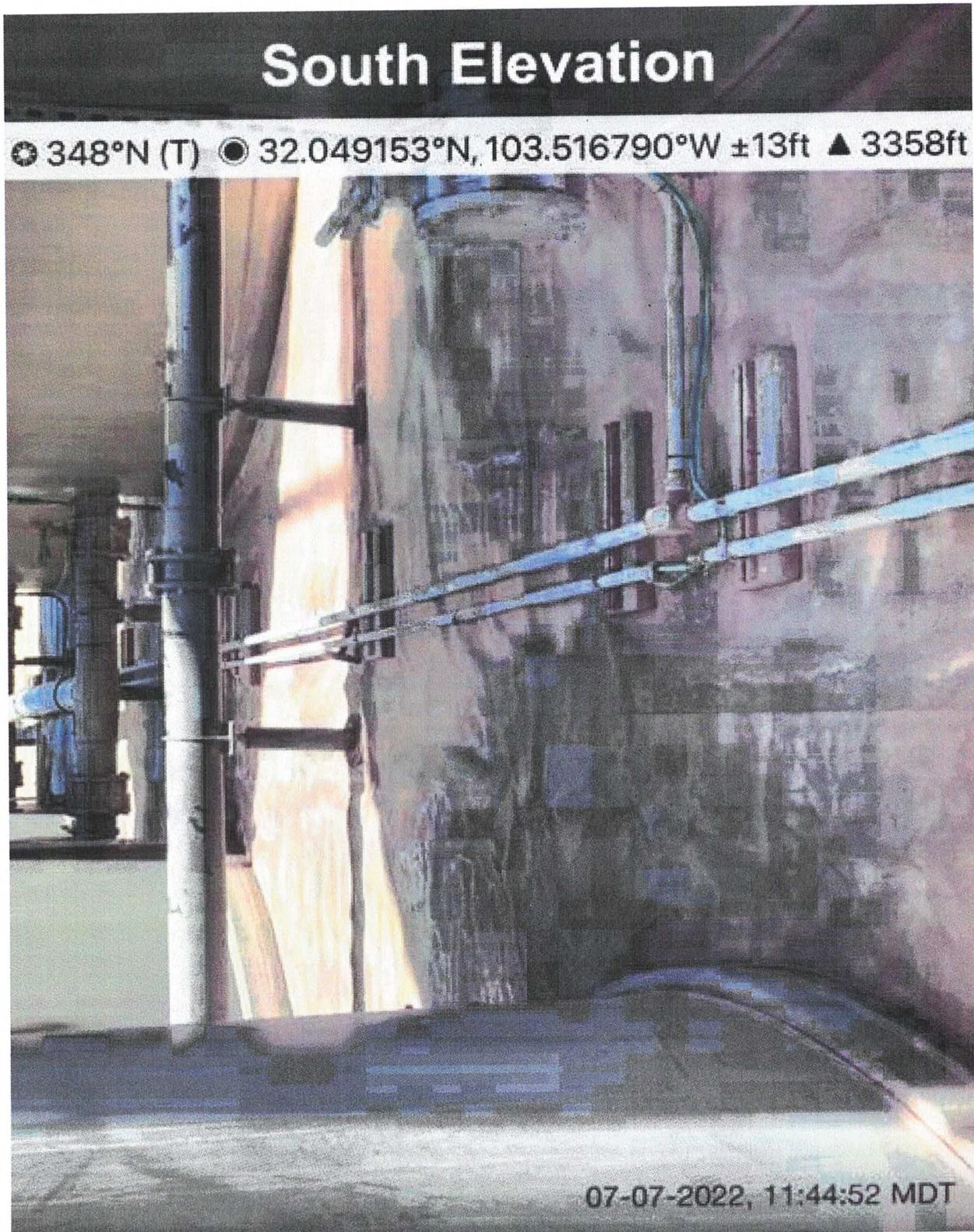


Photo Between the Battery Tanks Looking South to North

ATTACHMENT 5

John Farrell

From: Marcus, Ramona, EMNRD <Ramona.Marcus@state.nm.us>
Sent: Tuesday, July 5, 2022 5:23 PM
To: John Farrell; EMNRD-OCD-District1spills; EMNRD-OCD - ARTESIA
Subject: RE: [EXTERNAL] john.farrell@mcnabbpartners.com

From: John Farrell <mailservices@sks.com>
Sent: Tuesday, July 5, 2022 9:31 AM
To: Marcus, Ramona, EMNRD <Ramona.Marcus@state.nm.us>
Subject: [EXTERNAL] john.farrell@mcnabbpartners.com

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Name

John Farrell

Email

john.farrell@mcnabbpartners.com

Subject

required 48 hours notice for liner inspection

Message

I am having a difficult time contacting the District 1 and District 2 Office of NMOCD to give 48 hour notice for two liner inspections.

The Devon Fighting Okra CTB 3 is located in Lea County at coordinates 32.0491528 N, -103.516478 W. Approximately 201 bbls were released. Date of release: 6/21/22. OCD Incident #nAPP2217329066

The Devon Tomb Raider 12 CTB 1 is located in Eddy County at Coordinates 32.3092228 N, -103.7274908 W. Approximately 12.5 bbls were released. Date of release: 6/25/22. OCD Incident # nAPP2217833526

Fluids were recovered via a vacuum truck. No releases to the ground occurred.

This problem with giving notifications is a reoccurring. I have been trying since 7:30 AM today to give notice.

I am considering this message as a sufficient notice of intent to inspect the liners, I plan to do the Lea County location in the morning and the Eddy County location in the afternoon. Times not specified.

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	nAPP2217329066
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Devon Energy	OGRID 6137
Contact Name Dale Woodall	Contact Telephone 405 318 4697
Contact email: Dale.Woodall@dvn.com	Incident # (assigned by OCD) nAPP22173229066
Contact mailing address: 6488 Seven Rivers Highway, Artesia, NM 88210	

Location of Release Source

Latitude 32.0491528 N

Longitude -103.516478

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Devon Energy Fighting Okra 18-19 Fed 71H CTB 3	Site Type: Production Central Tank Battery
Date Release Discovered June 21, 2022	API# (if applicable) N/A

Unit Letter	Section	Township	Range	County
D	18	26	34E	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) 200.88	Volume Recovered (bbls) 200.88
	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: Corrosion caused a pinhole leak in 4-inch piping to water tanks in the containment. The pipe was isolated and the leak was stopped. The pipe was replaced and the Battery is back in service.

State of New Mexico
Oil Conservation Division

Page 2

Incident ID	nAPP2217329066
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? A 200.88 bbl release is defined as a major leak per the definition in NMAC 19.15.29.7.A. Please note that this leak was captured inside a containment and no fluids spilled to the ground.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Verbal and email notification was given to NMOCD by Dale Woodall on 6/21/2022	

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. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <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: N/A
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>Dale Woodall</u> Title: <u>Environment Professional</u> Signature: <u>Dale Woodall</u> Date: <u>9/22/2022</u> email: <u>Dale.Woodall@dvn.com</u> Telephone: <u>405 318 4697</u>
<u>OCD Only</u> Received by: _____ Date: _____

Incident ID	nAPP2217329066
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>Est. 200</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

Characterization Report Checklist: *Each of the following items must be included in the report.* **NOTE: All fluids released were captured within a lined containment. This C-141 documents the requirements of NMAC 19.15.29.11.5(a)(i) and (ii). A documented liner inspection including photographs with time, date, directionals and coordinates are included with the closure request. 48 hours-notice was given to NMOCD in the event that NMOCD wanted to observe the liner inspection.**

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2217329066
District RP	
Facility ID	
Application ID	

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Printed Name: Dale Woodall Title: Environment Professional

Signature: Dale Woodall Date: 9/22/2022

email: Dale.Woodall@dvn.com Telephone: 405 318 4697

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2217329066
District RP	
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Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan. **Note:** This release occurred within a lined containment. The release was 200.88 bbls of produced water. Vacuum Trucks were used to remove the fluids. The liner was inspected July 7, 2022 and found to be intact. No fluids were spilled to the ground. The fluids were properly disposed. No delineation is required. No soil, surface or groundwater remediation is required. The pipe was repaired and the battery is back in service.

- 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.

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Printed Name: Dale Woodall Title: Environment Professional
 Signature: Dale Woodall Date: 9/22/2022
 email: Dale.Woodall@dvn.com Telephone: 405 318 4697

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

Incident ID	nAPP2217329066
District RP	
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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)
None required.
- 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: Environment Professional

Signature: _____ Date: _____

email: Dale.Woodall@dvn.com Telephone: 405 318 4697

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
 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 145512

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 145512
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Approved.	9/26/2022