

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	NOY1826852450
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party:	Devon Energy	OGRID:	06137
Contact Name:	Stephen Richards	Contact Telephone:	575-252-3717
Contact email:	Stephen.richards@dvn.com	Incident # (assigned by OCD)	NOY1826852450
Contact mailing address:	PO Box 250, Artesia, NM 88211		

Location of Release Source

Latitude 32.043682 N _____ Longitude 103.481804 W _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name:	Rattlesnake Treatment Facility	Site Type:	Well Pad
Date Release Discovered:	9/2/2018, 1:00 AM	API# (if applicable)	30-025-42355 (Rattlesnake 16 SWD 1) 1RF-4

Unit Letter	Section	Township	Range	County
E	16	26S	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) 450	Volume Recovered (bbls) 450
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" 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:

Due to lightning, a power failure caused tanks to overflow into lined secondary containment. The liner was intact, therefore all 450 barrels of treated water released was recovered.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The spill was over 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Brett Fulks, Devon EHS Professional, sent email on 9/3/18 at 10:53 AM to Jim Griswold, Christina Hernandez, Olivia Yu, and Ryan Mann.	

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: 	
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>Denise Menoud</u>	Title: <u>Field Admin Support</u>
Signature: <u>Denise C. Menoud</u>	Date: <u>9/18/2018</u>
email: <u>denise.menoud@dvn.com</u>	Telephone: <u>575-746-5544</u>
OCD Only Received by: <u> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;"> RECEIVED By Olivia Yu at 2:37 pm, Sep 25, 2018 </div> </u>	Date: _____

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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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input 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 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 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 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 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 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 type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input 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.

<p><u>Characterization Report Checklist:</u> <i>Each of the following items must be included in the report.</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. <input type="checkbox"/> Field data <input type="checkbox"/> Data table of soil contaminant concentration data <input type="checkbox"/> Depth to water determination <input type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release <input type="checkbox"/> Boring or excavation logs <input type="checkbox"/> Photographs including date and GIS information <input type="checkbox"/> Topographic/Aerial maps <input type="checkbox"/> 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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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

- Approved
 Approved with Attached Conditions of Approval
 Denied
 Deferral Approved

Signature: _____ Date: _____

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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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Rattlesnake Spill 9/2/18



This map is for illustrative purposes only and is neither a legally recorded map nor survey and is not intended to be used as one. Devon makes no warranty, representation, or guarantee of any kind regarding this map.

WGS_1984_Web_Mercator_Auxiliary_Sphere
Prepared by: Menoud
Map is current as of: 18-Sep-2018



- Surface Hole (ACT-DVN/OBO)
 - Other
 - Deviated Surface
 - Oil Producing Well
 - Gas Producing Well
 - Oil and Gas Producing Well
 - Drilling or Completing
 - Injection Well
 - Salt Water Disposal Well
 - Shut In
- Bore Path (ACT-DVN/OBO)
- Surface Hole (PRP-DVN/OBO)
 - Vertical
 - Deviated
- Bore Path (PRP-DVN/OBO)
- Central Tank Battery (DVN)
 - IN SERVICE
 - CONSTRUCTION
 - PLANNING
 - PLANNING - PAD EXPANSION
 - PLANNING - SUBPAD
 - CANCELLED/OUT OF SERVICE
 - SOLD
- Corridor (DVN)
- Excess Cut Stock Pile (DVN)
- Frac Pond (DVN)
 - IN SERVICE
 - CONSTRUCTION
 - PLANNING
 - CANCELLED/OUT OF SERVICE
 - SOLD
- Multi Well Pad (DVN)
 - IN SERVICE
 - CONSTRUCTION
 - PLANNING
 - PLANNING - PAD EXPANSION
 - PLANNING - SUBPAD
 - CANCELLED/OUT OF SERVICE
 - SOLD
- Other Facilities/Sites (DVN)
 - IN SERVICE
 - CONSTRUCTION
 - PLANNING
 - CANCELLED/OUT OF SERVICE
 - SOLD
- Reclaimed (DVN)
- Reserve Pit (DVN)
- Surveyed Roads (DVN)
- Single Well Pad (DVN)
 - IN SERVICE
 - CONSTRUCTION
 - PLANNING

- CANCELLED/OUT OF SERVICE
- SOLD
- Surface Site (DVN)

16 - 26S - 34E

Spill 9/2/18 450 BPW, Rec 450 BPW



1 Lat: 32.043682° N
Long: 103.481804° W

16 - 17

From: [Yu, Olivia, EMNRD](#)
To: ["Menoud, Denise"; Hernandez, Christina, EMNRD; Mann, Ryan; Griswold, Jim, EMNRD](#)
Cc: [Fulks, Brett](#)
Subject: RE: Initial C-141 - Spill 9/2/18 Rattlesnake Treatment Facility
Date: Tuesday, September 25, 2018 2:49:00 PM
Attachments: reviewed_Rattlesnake Treating Facility 9.2.18_Initial C141.pdf

Mr. Fulks:

Based on the GPS coordinates provide of the release point, the release location is in the vicinity of Rattlesnake 2 Recycling Facility and Containment (1RF-4). Please verify.

Please be advised that

1. The initial portion of the C-141 form does not include the calculations to determine the release volume. Visual estimation is not sufficient nor adequate. Please submit measurements in volume estimation; including dimensions, soil parameters (porosity, texture, bulk density, etc). For releases in lined facilities, documentation from a meter suffices.
2. Dated, geo-referenced photo documentation are needed for verification that the initial response activities have been employed to contain the release.
3. If applicable, per 19.15.29.13 NMAC, regulations of corresponding agencies supersede NMOCD's.

Until photos are submitted, the release within the lined containment will not be closed. Please keep in mind that one of the photos needs to demonstrate that the release source has been repaired/addressed.

Also, please keep track of the deadlines. The C-141 form was not submitted within 15 days as per 19.15.29.10 NMAC.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Menoud, Denise <Denise.Menoud@dvn.com>
Sent: Wednesday, September 19, 2018 11:07 AM

To: Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>; Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Mann, Ryan <rmann@slo.state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>

Cc: Menoud, Denise <Denise.Menoud@dvn.com>; Fulks, Brett <Brett.Fulks@dvn.com>

Subject: Initial C-141 - Spill 9/2/18 Rattlesnake Treatment Facility

Please see attached Initial C-141 for a spill that occurred on 9/2/18 at the Rattlesnake Treatment Facility. Thank you.

Denise Menoud

Admin Field Support,
Completions - Reclamations - Regulatory
Office: 575-746-5544
Email: denise.menoud@dvn.com

Devon Energy

6488 Seven Rivers Hwy
PO Box 250, Artesia, NM 88210
575-748-3371

Devon - Internal

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From: Fulks, Brett
To: [Griswold, Jim, EMNRD](#); [Hernandez, Christina, EMNRD](#); [Yu, Olivia, EMNRD](#); [Mann, Ryan](#)
Cc: [Richards, Stephen](#); [Menoud, Denise](#)
Subject: Rattlesnake 16 SWD(API#30-025-42355) Recycle Facility Initial Release Notification
Date: Monday, September 3, 2018 10:53:19 AM
Attachments: image001.png

Good morning all,

Devon experienced the following event on 9/02/2018 at approximately 1:00AM.

Rattlesnake SWD Facility/Water Recycle Facility(API# 30-025-42355)

Due to lightning, a power failure caused tanks to overflow into lined secondary containment. Initial estimates are 450 bbls but recovery is still ongoing. The liner appears to be intact and an initial/final with photographs and exact volumes will be submitted.

Thanks,

Brett Fulks
EHS Representative

Devon Energy Corporation

6488 Seven Rivers Highway
Artesia, New Mexico 88210
575 748 1844 Direct
432 301 3223 Mobile



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