**Received by OCD: 5/31/2023 8:14:29 AM** Form C-141 State of New Mexico

Oil Conservation Division

		Page 1 of 22
Incident ID	nAPP2309726350	
District RP		
Facility ID		
Application ID		

# **Remediation Plan**

<u>Remediation Plan Checklist</u> : Each of the following items must be	included in the plan.	
<ul> <li>Detailed description of proposed remediation technique</li> <li>Scaled sitemap with GPS coordinates showing delineation points</li> <li>Estimated volume of material to be remediated</li> </ul>		
Closure criteria is to Table 1 specifications subject to 19.15.29.1 Proposed schedule for remediation (note if remediation plan time		
<b><u>Deferral Requests Only</u></b> : Each of the following items must be con	firmed as part of any request for deferral of remediation	
	oduction equipment where remediation could cause a major facility	
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:5/31/2023	
email: DALE.WOODALL@DVN.COM	Telephone: 575-748-1838	
	reephone	
OCD Only		
Received by:	Date:	
Approved Approved with Attached Conditions of A	Approval Denied Deferral Approved	
Signature:	Date:	

**Received by OCD: 5/31/2023 8:14:29 AM** Form C-141 State of New Mexico

Oil Conservation Division

		Page 2 of 22
Incident ID	nAPP2309726350	
District RP		
Facility ID		
Application ID		

# **Remediation Plan**

<u><b>Remediation Plan Checklist</b></u> : Each of the following items must be included in the plan.		
<ul> <li>Detailed description of proposed remediation technique</li> <li>Scaled sitemap with GPS coordinates showing delineation points</li> <li>Estimated volume of material to be remediated</li> <li>Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>		
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: 5/31/2023		
email: DALE.WOODALL@DVN.COM Telephone: 575-748-1838		
OCD Only		
Received by: <u>Robert Hamlet</u> Date: <u>10/25/2023</u>		
Approved M Approved with Attached Conditions of Approval Denied Deferral Approved		
Signature: Robert Hamlet Date: 10/25/2023		

Page 5

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

QUESTIONS

Page 3 lof 22

Action 205076

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	205076
	Action Type:
	[NOTJEY] Notification Of Release (NOR)

#### QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	COTTON DRAW UNIT 118 BATTERY
Date Release Discovered	04/04/2023
Surface Owner	Federal

#### Incident Details

Please answer all the questions in this group.		
Incident Type	Fire	
Did this release result in a fire or is the result of a fire	Yes	
Has this release reached or does it have a reasonable probability of reaching a watercourse	Νο	
Has this release endangered or does it have a reasonable probability of endangering public health	Νο	
Has this release substantially damaged or will it substantially damage property or the environment	Νο	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	Νο	

#### Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Fire   Other (Specify)   Crude Oil   Released: 0 BBL   Recovered: 0 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Facility Lost Coms and LO was checking WTP when he noticed that the combustor looked like it had caught fire. Upon further inspection the water tank was at top level and pushed oil into vent line and to the combustor. Once lead operator pulled up they went to verify levels and opened lock down thief hatch and tank over ran into secondary containment. Due to the high winds we had some overspray on pad from the Enardo valve.

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# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	205076
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	More volume information must be supplied to determine if this will be treated as a "gas only" report.	
Was this a major release as defined by 19.15.29.7(A) NMAC	Yes, major release.	
Reasons why this would be considered a submission for a notification of a major release	<ul> <li>Incident Type is reported as fire</li> <li>This release resulted in a fire or was the result of a fire</li> </ul>	
If YES, was immediate notice given to the OCD, by whom	DALE WOODALL	
If YES, was immediate notice given to the OCD, to whom	Mike Bratcher and the OCD	
If YES, was immediate notice given to the OCD, when	04/04/2023	
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	EMAIL	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.		

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	overy of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the curred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all

QUESTIONS, Page 2

Action 205076

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# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

ACKNOWLEDGMENTS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	205076
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
M	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
V	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.
V	I acknowledge the fact that 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.
M	I acknowledge the fact that, 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.

ACKNOWLEDGMENTS

Action 205076

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# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

	Operator:	OGRID:
	DEVON ENERGY PRODUCTION COMPANY, LP	6137
L	333 West Sheridan Ave.	Action Number:
L	Oklahoma City, OK 73102	205076
L		Action Type:
		[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created	Condition	Condition							
Ву		Date							
wdale	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	4/7/2023							

CONDITIONS

Page 640 f 22

Action 205076



701 Tradewinds Blvd Suite C Midland, Texas 79706 www.ntglobal.com

May 25, 2023

Mr. Dale Woodall 6488 Seven Rivers Highway Artesia, NM 88210

Re: Proposal – Cotton Draw Unit 118 Battery Unit B, Section 26, Township 24S, Range 31E Site Coordinates 32.1946214, -103.7465856 Eddy County, New Mexico

Dear Mr. Woodall:

NTG Environmental, LLC (NTG Environmental) is pleased to provide this proposal to conduct remedial action activities at the Cotton Draw Unit 118 Battery release location in Eddy County, New Mexico (Figures 1 and 2).

### Scope of Work

- Site Walkthrough verifying lines in the area prior to conducting remedial action activities.
- Hydrovac all lines in the area with associated pipeline representatives on location during daylight hours and excavation around the lines.
- Excavate impacted soils and transport to a permitted disposal facility.

### Remediation

NTG Environmental proposes to remediate the estimated 42 cubic yards (yd<sup>3</sup>) of impacted soils at the site identified during assessment activities. The proposed excavation areas and depths are shown on Figure 3.

Confirmation samples will be collected following the excavation activities to ensure the removal of all impacted soil above the regulatory limits for total petroleum hydrocarbons, benzene, toluene, ethylbenzene, and xylenes (BTEX), and chlorides. The number of confirmation samples is subject to change based on the final excavation extent. The regulatory limits are established in NMAC 19.15.29 Table 1 based on the Site Characterization information attached.

- TPH (GRO + DRO + MRO): 100 mg/kg
- BTEX: 50 mg/kg
- Benzene: 10 mg/kg
- Chlorides: 600 mg/kg

The Site is in a Low Karst area with no water features within specified distances of a  $\frac{1}{2}$  - mile radius. NMSEO Groundwater is 868' below surface, 0.96 miles Northwest of the site, Section 23.

Mr. Dale Woodall May 25, 2023 Page 2 of 2

### Sample Handling and Analysis

All samples will be collected and handled with nitrile gloves and placed directly into laboratoryprovided sample containers, stores on ice, and transported under proper chain-of-custody protocol to an accredited laboratory for chemical analysis. Samples will be analyzed for one or more of the following constituents of concern (COC):

- Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX): method 8021B
- TPH (GRO + DRO + MRO): method 8015M
- Chloride: 4500 CL

Upon receipt of requisite confirmation samples indicating all impacted soils have been successfully removed, a final closure report will be prepared documenting remedial action and confirmation sampling activities for filing with the NMOCD.

### Closing

If you have any questions regarding this letter, please contact us at (432) 701-2159.

Sincerely, NTG Environmental

Ethan Sessums Project Manager

Attachments: Table Figures Site Characterization Information





# Table

#### Table 1 Summary of Soil Analytical Data - Delineation Samples Cotton Draw Unit 118 Battery Devon Energy Production Company Eddy County, New Mexico

	Sample Date	Depth (ft bgs)						ТРН					
Sample ID			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table	Closure Crite	eria for Soil 51	100 feet De	pth to Grou	ndwater 19.15	.29 NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
					Delir	neation Samp	les		•				
S-1	4/28/2023	(0-6")	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	3,900	3,900	1,020	4,920	352
S-1	4/28/2023	(1-1.5')	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
S-2	4/28/2023	(0-6")	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	230	230	80.9	310.9	736
S-2	4/28/2023	(1-1.5')	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
S-3	4/28/2023	(0-6")	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	3,280	3,280	1,120	3,400	800
S-3	4/28/2023	(1-1.5')	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
S-4	4/28/2023	(0-6")	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	947	947	463	1,410	592
S-4	4/28/2023	(1-1.5')	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	14.3	14.3	80
H-1	4/28/2023	(0-6")	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
H-2	4/28/2023	(0-6")	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
H-3	4/28/2023	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
H-4	4/28/2023	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
H-5	4/28/2023	(0-6")	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
H-6	4/28/2023	(0-6")	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
H-7	4/28/2023	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
H-8	4/28/2023	(0-6")	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96

Notes:

1. Values reported in mg/kg

2.< = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

# **Figures**





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**Site Characterization Information** 

New Mexico Oil Conservation Division



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NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

# **OSE POD Locations Map**



4/24/2023, 10:03:14 AM

OSE District Boundary

Surface Water Sub Basins

Surface Water Basins

SiteBoundaries

1:18,056										
0	0.13	0.25	0.5 mi							
L	· · · ·		J							
I		1 1								
0	0.2	0.4	0.8 km							
Esri, HERE, i	PC, U.S. Depa	rtment of Energ	gy Office of Legacy Management,							
Esri HERE G	armin iPC May	ar								

Lower Pecos Released to Imaging: 10/25/2023 11:06:10 AM

Web Generated Map Map is generated by web users.





National Wetlands Inventory





## April 24, 2023

### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland Freshwater Forested/Shrub Wetland
- Freshwater Pond

Lake Other Riverine

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.

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National Wetlands Inventory (NWI) This page was produced by the NWI mapper

## Received by OCD: 5/31/2023 8:14:29 AM National Flood Hazard Layer FIRMette



## Legend

regulatory purposes.

Page 21 of 22



Releasea to Imaging: 10/25/2023 99:06:10 AM 1,500

Feet 1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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## **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Page 22 of 22

Action 222126

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	222126
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please collect confirmation samples, representing no more than 200 ft2. All sidewall samples should be taken from the sidewall of the excavation if equipment is in or adjacent to the release area. Please make sure that the edge of the release extent is accurately defined. Sidewall samples should be taken up against the edge of the secondary containment to ensure the release didn't go under it. The work will need to occur in 90 days after the report has been reviewed.	10/25/2023