

Remediation Summary Report

General Information

This report address the remediation at Devon Energy Production Company's Ross Ranch 10 Fed #1 located in rural Eddy County, New Mexico. The release was the result of fitting failure inside a lined facility. A pin hole in the liner allowed a small amount of produced water to escape the containment.

Date: 23Mar16

Client: Devon Energy Production Company

Site Name: Ross Ranch 10 Fed #1

API: 30-15-29605

County: Eddy

State: New Mexico

Site Coordinates Latitude: 32.0592
Longitude: -103.7590

Legals: UL. H, Sec. 10, T26S, R31E

Property Owner: BLM

New Mexico Oil Conservation Division RP No.: 2RP-2342

Release Description and Assessment

Date of Spill: 9Jun14

Type of Spill: Oil Produced Water Condensate Other (Specify):

Cause of Spill: Equipment Failure Valve Failure Line Rupture Leaking Tank Tank Overfill
Other (Specify):

Other Contributing Factors or Comments:

Quantity Spilled: 1304 bbls

Quantity Recovered: 1303 bbls

Total Released: 1 bbl

Method of Recovery: Vacuum Truck Other (Specify):

New Mexico Oil Conservation Division Notified: Yes No

C-141 Completed and Submitted: Yes No Not Required

Spill Area Impacted: Inside Firewall On Production Pad In Pasture In Cultivated Land
Other (Specify):

Area Impacted: 15' x 20'

Estimated Depth: 3'

Volume (Cu. Yards): 33 yds

Other Comments: The only area outside the lined facility that was impacted was on the south side of the battery.

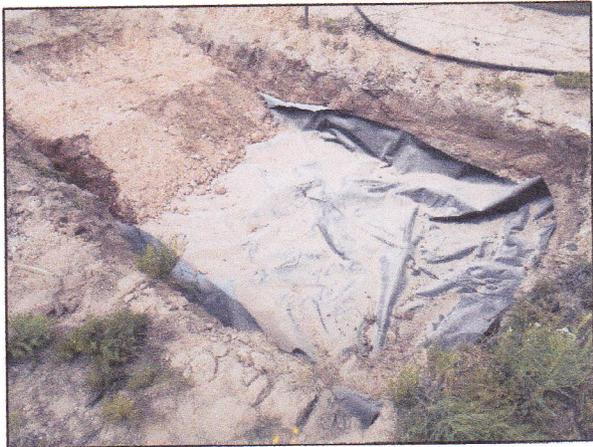
Remediation Activity Summary

The remediation was conducted according to the NM OCD and BLM approved work plan. An impacted area of 15' x 20' was excavated to a depth of three feet BGS. The excavation was then lined with a 20 mil synthetic liner and backfilled with fresh soil. The area was brought to grade and contoured to match the surrounding terrain.



Vernon K. Black, Hungry Horse, LLC

Devon Energy Production Company-Ross Ranch 10 Fed #1



Vernon Black

From: Patterson, Heather, EMNRD <Heather.Patterson@state.nm.us>
Sent: Wednesday, February 24, 2016 7:54 AM
To: Vernon Black; Jim Amos (jamos@blm.gov)
Cc: Tucker, Shelly; Bratcher, Mike, EMNRD; Fulks, Brett
Subject: RE: Devon Ross Ranch 10 Fed #1 Work Plan
Attachments: phmp1416428559_1_ao.pdf

RE: Devon * Ross Ranch 10 Fed #1 SWD * 30-015-29605 * 2RP-?

Vernon,

I do not believe that 2RP-3427 is the correct incident report for this release. 2RP-3427 is around the pump and is already being addressed by a different environmental contractor. I believe the correct incident is 2RP-2342. This release resulted from a leak in the liner and affected the south side of the pad. I have attached the Initial C-141 for 2RP-2342 for your reference. Please consult with Devon to see if you concur.

That said, your proposal to clean the affected area is approved. Like approval by BLM is required.

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.

If you have any questions or concerns, and for notification, please contact me.

Heather Patterson
Environmental Specialist
NMOCD District II
Office (575)748-1283 ext.101
Cell (575)703-0228

From: Vernon Black [mailto:vblack@hungry-horse.com]
Sent: Monday, February 22, 2016 10:08 AM
To: Patterson, Heather, EMNRD; Jim Amos (jamos@blm.gov)
Subject: Devon Ross Ranch 10 Fed #1 Work Plan

Good Morning,

Please see the attached work plan for the above referenced location. With your approval, I can get a crew on this pretty quick..

Thanks,
Vernon

Vernon Black

To: Price, Henryetta
Subject: RE: Devon Ross Ranch 10 Fed #1 Work Plan

Thanks Henryetta, I'll forward the approval to Devon and get them an estimate so we can get rolling.

Vernon

From: Price, Henryetta [mailto:hprice@blm.gov]
Sent: Monday, February 29, 2016 11:57 AM
To: Vernon Black <vblack@hungry-horse.com>
Subject: Re: Devon Ross Ranch 10 Fed #1 Work Plan

Good Morning Mr. Black,

I am the EPS that will conduct follow up and closure of this incident. After reviewing your work plan, I do not see any issues with your proposed action plan. Please let me know if NMOCD has any stipulations or changes that would be made. If there are any issues don't hesitate to contact me. I would like to be notified when work has been completed and ready for final closure. Thank you and have a great day.

Henryetta Price

Environmental Protection Specialist
Bureau Of Land Management

[Hprice@blm.gov](mailto:hprice@blm.gov)

Phone 575-234-5951

Cell 575-706-2780

Fax 575-234-5927

On Mon, Feb 29, 2016 at 11:21 AM, Tucker, Shelly <stucker@blm.gov> wrote:

I have not reviewed this.

----- Forwarded message -----

From: Amos, James <jamos@blm.gov>
Date: Mon, Feb 22, 2016 at 12:43 PM
Subject: Fwd: Devon Ross Ranch 10 Fed #1 Work Plan
To: Shelly Tucker <stucker@blm.gov>

----- Forwarded message -----

From: Vernon Black <vblack@hungry-horse.com>
Date: Mon, Feb 22, 2016 at 10:07 AM
Subject: Devon Ross Ranch 10 Fed #1 Work Plan

To: "Heather Patterson (Heather.Patterson@state.nm.us)" <Heather.Patterson@state.nm.us>, "Jim Amos (jamos@blm.gov)" <jamos@blm.gov>

Good Morning,

Please see the attached work plan for the above referenced location. With your approval, I can get a crew on this pretty quick..

Thanks,

Vernon

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