

Remediation Summary Report

General Information

This report as prepared by Hungry Horse, LLC is in response to the remediation efforts conducted for the unplanned release of produced water at Devon Energy Production Company's Cotton Draw #182H Battery.

Date: 9Dec16

Client: Devon Energy Production Company

Site Name: Cotton Draw #182H Battery

County: Eddy **State:** New Mexico

Site Coordinates: Latitude: 32.1793
Longitude: -103.7378

Legals: UL. D, Sec. 36, T24S, R31E

Property Owner: BLM

Release Description and Assessment

Date of Spill: 1May16

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: N/A

Quantity Spilled: 700 bbls **Quantity Recovered:** 698 bbls

Total Released: 2 bbls

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): Inside Lined Containmentment

Area Impacted: 15' x 15'

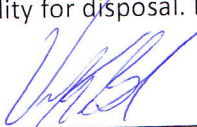
Estimated Depth: 2'

Volume (Cu. Yards): 12 cy

Other Comments:

Remediation Activity Summary

The remediation was conducted in accordance with the BLM and NM OCD approved work plan with the impacted area outside the lined containment being excavated to a depth of 2' BGS. The impacted soil was transported to a division approved facility for disposal. Fresh caliche was used for backfill and the pad was brought back to grade.


Vernon K. Black, Hungry Horse, LLC

Vernon Black

From: Tucker, Shelly <stucker@blm.gov>
Sent: Wednesday, December 07, 2016 8:38 AM
To: Vernon Black
Cc: Mike Bratcher (mike.bratcher@state.nm.us)
Subject: Re: Devon's Cotton Draw 182H Battery

BLM accepts your work plan as written.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Tucker

Environmental Protection Specialist
O&G Spill/Release Coordinator

Bureau of Land Management
620 E. Greene St
Carlsbad, NM 88220

575.234.5905 - Direct
575.361.0084 - Cellular
575.234.6235 - Emergency Spill Number

stucker@blm.gov

The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

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On Mon, Dec 5, 2016 at 8:18 AM, Vernon Black <vblack@hungry-horse.com> wrote:

Good Morning Mike and Shelly,

Please see the attached work plan for the release at the above referenced location. Please let me know if you have any questions.

Vernon Black

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Wednesday, December 07, 2016 10:46 AM
To: Vernon Black; Shelly J. Tucker (stucker@blm.gov)
Cc: Fulks, Brett; Patterson, Heather, EMNRD; Weaver, Crystal, EMNRD
Subject: RE: Devon's Cotton Draw 182H Battery

RE: Devon Energy * Cotton Draw 182H * 2RP-3678 * DOR: 5/1/16

Vernon,

OCD concurs with BLM approval of your remediation proposal for the above referenced release. Please advise once remedial activities have been scheduled.

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.

Mike Bratcher
NMOCD District 2
811 S. First St.
Artesia, NM 88210
575-748-1283 Ext. 108
mike.bratcher@state.nm.us

From: Vernon Black [mailto:vblack@hungry-horse.com]
Sent: Monday, December 5, 2016 8:18 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Shelly J. Tucker (stucker@blm.gov) <stucker@blm.gov>
Subject: Devon's Cotton Draw 182H Battery

Good Morning Mike and Shelly,

Please see the attached work plan for the release at the above referenced location. Please let me know if you have any questions.

Thanks,
Vernon K. Black
Hungry Horse, LLC
PO Box 1058
Hobbs, NM 88241
575-393-3386 office
575-631-2253 cell

Devon Energy Production Company-Cotton Draw Unit 182H Battery

