

# HUNGRY HORSE, LLC

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DIRT WORK \* ON-SITE REMEDIATION  
SOIL TESTING \* EXCAVATION \* ELECTRICAL

12Feb18

To: Mike Bratcher, New Mexico Oil Conservation District  
Crystal Weaver, New Mexico Oil Conservation District  
Shelly Tucker, Bureau of Land Management

Reference: Remediation Work Plan

Operator: Devon Energy Production Company

Location: Belgain 15 Fed Com 1H

API: 30-015-43187

Legals: UL. O, Sec. 15, T25S, R31E

GPS: 32.1231 -103.7625

NM OCD: 2RP 4151

## **Site Information**

This site is located in rural Eddy County, New Mexico approximately 6.6 miles northwest of the intersection of CR 1 and Pipeline Road. The surround terrain is relatively flat and is sparsely vegetated with creosote bushes, mesquite bushes, and range grasses. There are no known water wells and no surface bodies of water within 1000' of this site. The New Mexico Office of the State Engineer list no depth to groundwater information on its website for the area. However, the Eddy County Depth to Groundwater Map indicates depth to groundwater to be greater than 300'. Thus, this is assigned a Site Ranking Score of "0" based upon NM OCD criteria.

## **Work Conducted to Date**

Upon discovery of the unplanned release into a lined containment, the defective equipment was isolated, shut down, and repaired. Free standing liquid from the lined containment was recovered by a vacuum truck. During this process, another source of a small release outside the containment was identified. A balloon valve was identified as defective and replaced. The impacted area outside the containment is approximately 15' x 15'.

Soil samples from two sample points were collected and analyzed. Lab results indicate the contaminant of concern to be Chlorides. (See attached field test and lab analysis.)

## **Remediation Proposal**

I propose to mechanically excavate the 15' x 15' impacted area to a depth of 3' below ground surface (BGS), install a 20 mil synthetic liner, and backfill the excavated area with fresh caliche. All impacted material that is excavated will be transported to a division permitted facility for disposal.



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Vernon K. Black

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  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-141  
Revised August 8, 2011

MAR 20 2017

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

RECEIVED

## Release Notification and Corrective Action

NAB1708241432		OPERATOR		<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> Final Report
Name of Company Devon Energy Production Company		Contact Matt Nettles, Production Foreman			
Address 6488 Seven Rivers Hwy Artesia, NM 88210		Telephone No. 575-513-5767			
Facility Name Belgian 15 Federal Com 1H		Facility Type Oil			
Surface Owner Federal		Mineral Owner Federal		API No 30-015-43187	

## LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	15	25S	31E	14	South	1610	East	Eddy

Latitude: 32.123138

Longitude: -103.762524

## NATURE OF RELEASE

Type of Release Produced Water (PW)	Volume of Release 10.5BBLS PW	Volume Recovered 10BBLS PW	
Source of Release Transfer pump missing plug and 3" ballon valve	Date and Hour of Occurrence 3/8/2017 @ 1:30AM	Date and Hour of Discovery 3/8/2017 @ 1:30AM	
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? N/A		
By Whom? N/A	Date and Hour N/A		
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse N/A		
If a Watercourse was Impacted, Describe Fully.* N/A			
Describe Cause of Problem and Remedial Action Taken.* A water transfer pump at the facility was utilized for the first time. During use it was identified that the 3/4" plug on the transfer pump was missing. The 2" butterfly valve was closed to stop the flow of fluid and prevent any further release. A plug was installed and the pump was placed back into service. During this same time a leak on a 3" ballon valve was also identified this was isolated, blown down, and shut in until repairs could be completed. Once repairs were complete the valve was placed back into service. The liner was inspected and the facility was placed back into service.			
Describe Area Affected and Cleanup Action Taken.* Approximately 10bbls of produced water was released into a lined containment from the transfer pump and .5bbls of produced water was released onto the pad surface from the ballon valve. A vacuum truck was dispatched and recovered 10bbls of produced water from the lined containment. The fluids were removed from the containment it was then visually inspected for pin holes and punctures and none were found.			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.			
Signature: Dana DeLaRosa		OIL CONSERVATION DIVISION	
Printed Name: Dana DeLaRosa		Signed By <i>[Signature]</i>	
Title: Field Admin Support		Approved by Environmental Specialist:	
E-mail Address: Dana.DeLaRosa@dvn.com		Approval Date: 3/21/17	Expiration Date: N/A
Date: Phone: 575.746.5594		Conditions of Approval: See Attached	Attached <input type="checkbox"/>

\* Attach Additional Sheets If Necessary

2RP-4151





# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

**PLSS Search:**

Q4: SE      Section(s): 15      Township: 25S      Range: 31E

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.

2/13/18 9:15 AM

WATER COLUMN/ AVERAGE  
DEPTH TO WATER

Belgian 15 Federal Com 1H  
10.5BBL PW\_3.8.2017

 This map is for illustrative purposes only 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: Dana DeLaRosa  
Map is current as of: 20-Mar-2017



S15, T25S, R31E

Impacted Area 15'x15'  
↓ 0.5BBL PW



10.0BBL PW





Devon Energy Production Company-Belgain15 Fed Com 1H



Belgain 15 Fed Com 1H  
Chloride Field Test Results

28Jan18

	SP 1	SP 2
Surface	9,104	6,612
6 inches	1,976	2,522
1'	1,418	1,976
1.5'	892	770
2'	366	218
3'	240	