

HUNGRY HORSE, LLC

3709 S. Eunice HWY
P.O. Box 1058
Hobbs, NM 88241
Office: 575-393-3386
Fax: 575-391-4585
info@hungry-horse.com

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

8Jan18

To: Mike Bratcher, New Mexico Oil Conservation Division
Shelly Tucker, Bureau of Land Management
Reference: Remediation Work Plan
Operator: Devon Energy Production Company
Location: Littlefield AB Fed #11 Battery
API: 30-015-20300
Legals: UL. G, Sec. 22, T18S, R31E
GPS: 32.7382 -103.8574
2RP-4181

Site Information

This site is located in rural Eddy County, New Mexico between Westall Road (CR 249) and Shugart Road (CR 222). The terrain surround the site is sparsely vegetated with creosote bushes, mesquite bushes, and various grasses. The New Mexico Office of the State Engineer list no well data for the area. However, the Eddy County Depth to Groundwater Map indicates the depth to groundwater is 300'. There are no surface bodies of water and no know water wells with 1000' of the site. Thus it is assigned a Site Ranking Score of "0". All released fluids remained inside the firewalls of the battery. There is no impact to the surrounding terrain.

Work Conducted to Date

All free standing liquid was removed at the time the release was discovered. On 13Decc17, soil samples were obtained from the impacted area of the battery. Lab results indicate that the contaminant of concern is hydrocarbons with little to no presence of chlorides.

Proposed Remediation Plan

Due to the Site Ranking Score of "0", the safety concerns of excavating around and near the surface equipment and tanks, and the absence of chlorides, I propose to hand excavate the top 1' of contaminated soil. Upon completion of the hand excavation, the underlying surface will be loosened by using hand tools and a 3-6% solution of MicroBlaze will be applied to the impacted area. The impacted area will be resampled 4 months from the date of the MicroBlaze application and will be backfilled upon closure approval.

All excavated material will be transported to a division approved disposal facility.



Vernon K. Black, Hungry Horse, LLC

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

APR 18 2017

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

RECEIVED

Release Notification and Corrective Action

NAB1711053488 OPERATOR ☒ Initial Report ☐ Final Report

Name of Company	Devon Energy Production Company <u>6137</u>	Contact	Danny Velo, Production Foreman
Address	6488 Seven Rivers Hwy Artesia, NM 88210	Telephone No.	575-703-3360
Facility Name	Littlefield AB Fed <u>15</u> <u>11</u> (Per Sheila F)	Facility Type	Littlefield AB Fed 15
Surface Owner	Federal	Mineral Owner	Federal
		API No	30-015-24584

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
<u>K+J</u>	22	18S	31E	2310	North	1650	West	Eddy

Latitude: 32.732872

Longitude: -103.857447

NATURE OF RELEASE

Type of Release Oil	Volume of Release 10bbls	Volume Recovered 8bbls
Source of Release Oil tank	Date and Hour of Occurrence April 8, 2017 @ 1:15 PM	Date and Hour of Discovery April 8, 2017 @ 1:15 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Shelly Tucker, BLM Mike Bratcher, OCD	
By Whom? Jesse Armendariz, Asst. Production Foreman	Date and Hour Shelly Tucker, BLM April 9, 2017 @ 8:48 AM Mike Bratcher, OCD April 9, 2017 @ 8:51 AM	
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 suction valve on the circulation pump was opened and the pump was left on causing the oil tank to fill with produced water. The fluid built up and overflowed oil out of the top of the tank. Upon discovery the valves to the other oil tank were immediately opened allowing fluid to push from the overflowing tank to the other oil tank and stop the release. Once stopped the circulating pump was turned off.

Describe Area Affected and Cleanup Action Taken.*

Approximately 10bbls oil was released into the dirt containment at the Littlefield AB Fed Battery (Lat: 32.732872 Long: -103.857447). All of the fluids released stayed in dirt containment and a vacuum truck was dispatched and recovered approximately 8bbls oil from the dirt containment. A remediation contractor will be contacted to assist with delineation and remediation efforts.

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.

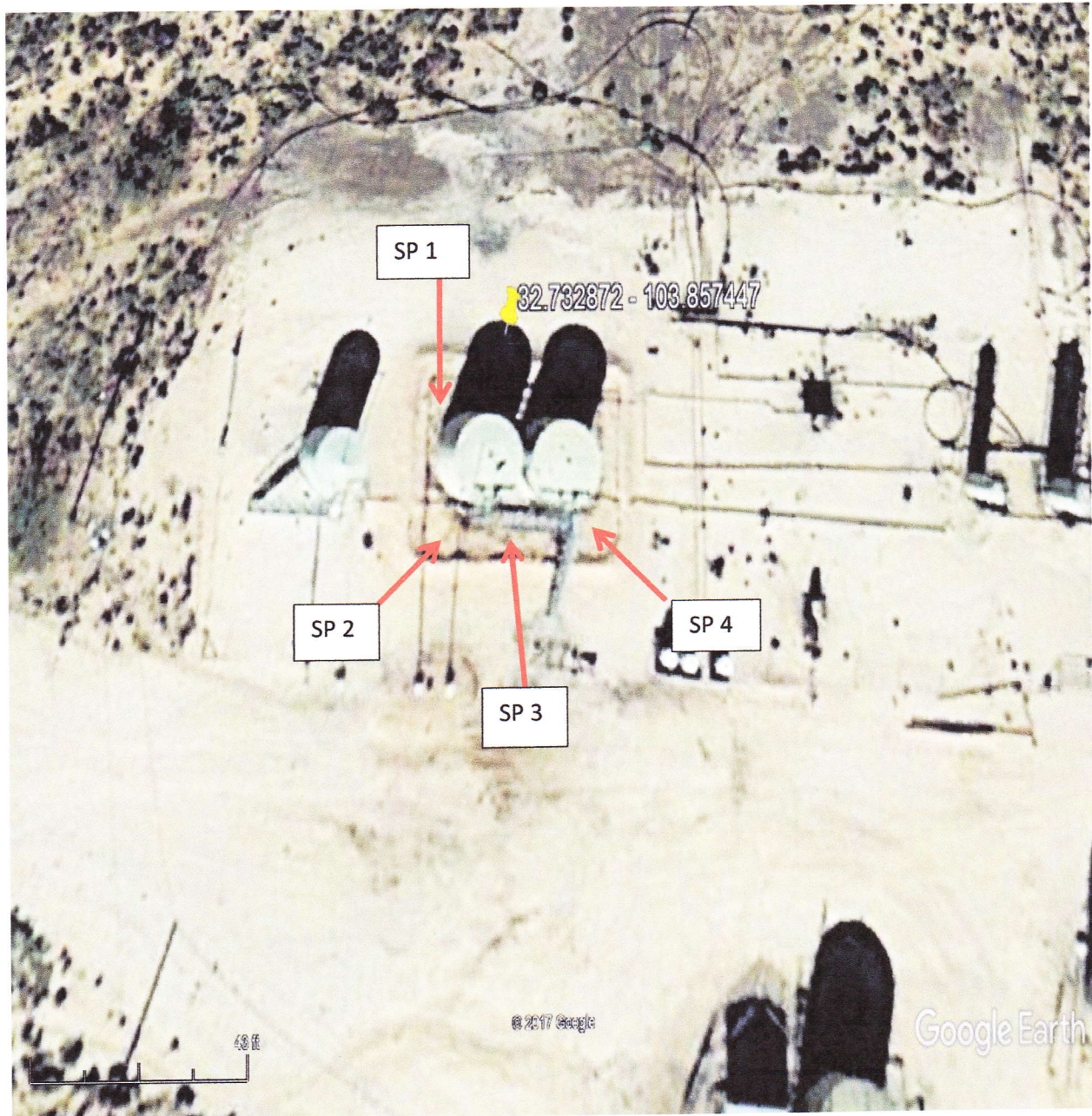
Signature: <u>Sheila Fisher</u>	OIL CONSERVATION DIVISION	
Printed Name: Sheila Fisher	Approved by Environmental Specialist: <u>[Signature]</u>	
Title: <u>Field Admin Support</u>	Approval Date: <u>4/20/17</u>	Expiration Date: <u>N/A</u>
E-mail Address: <u>Sheila.fisher@dvn.com</u>	Conditions of Approval: <u>see attached</u>	Attached <input checked="" type="checkbox"/>
Date: <u>4/12/17</u>	Phone: <u>575.748.1829</u>	

* Attach Additional Sheets If Necessary

2RP-4181

Devon

Littlefield AB Fed 11



Impacted area inside Battery is 50' x 30'



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:

Section(s): 22

Township: 18S

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.

1/8/18 7:27 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER