

HUNGRY HORSE, LLC

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

4Feb18

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

Reference: Remediation Work Plan

Operator: Deveon Energy Production Company

Location: Spica 25 Fed 3H

API: 30-015-40220

Legals: UL. L, Sec 25, T19S, R31E Eddy County, New Mexico

GPS: 32.6288 -103. 8301

NMOCD- 2RP 4278

Site Information

This location is in rural Eddy County, New Mexico approximately 2.4 miles southwest of the intersection of Lusk Plant Road and CR 126A. The area is sparsely vegetated with creosote bushes, mesquites bushes, and various grasses. The soil beneath the top soil/caliche cap is sand. There are no known water wells or surface bodies of water within 1000' of this site. Based upon the Eddy County Depth to Groundwater Map, the depth to ground water is 400'-500'. There is no ground water data listed on the website of the New Mexico Office of the State Engineer. This site is assigned a Site Ranking Score of "0".

The impacted area is in a cone shape extending from the well head to the southwest approximately 30'. At its widest point it is approximately 20' wide.

Work Conducted to Date

The malfunctioning equipment was repaired at the time of discovery and all free standing liquid was recovered by a vacuum truck. Delineation of the impacted area was conducted using a hand auger. Soil samples were collected at 1' intervals and field tested for chlorides (see field test results). Select samples based on field test were selected for lab analysis (see lab report).

Remediation Proposal

Due to the Site Ranking Score of "0" and the extreme depth to groundwater (400'-500'), I propose to use the dig and haul method and remove the top six inches of the impacted area leaving the remaining contaminants in place. The size of the impacted with the remaining contaminants is relatively small and should pose no threat to present or foreseeable beneficial use of fresh waters, public health, and the environment.

The excavated material will be transported to a division permitted facility for disposal. The well location will then be backfilled with fresh caliche, compacted, and brought to grade.



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

NM OIL CONSERVATION
State of New Mexico ARTESIA DISTRICT
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

JUN 29 2017

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

RECEIVED

Release Notification and Corrective Action

OPERATOR Initial Report

Name of Company Devon Energy Production Company **Contact** Danny Velo, Production Foreman

Address 6488 Seven Rivers Hwy Artesia, NM 88210 **Telephone No.** 575-703-3360

Facility Name Spica 25 Fed 3H **Facility Type** Oil

Surface Owner Federal **Mineral Owner** Federal **API No** 30-015-40220

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	25	19S	31E	1700'	FSL	340'	FWL	Eddy

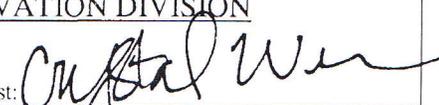
Latitude: 32.6288948

Longitude: 103.8301926

NATURE OF RELEASE

Type of Release Oil & Produced Water	Volume of Release 2bbbls oil & 14bbbls produced water	Volume Recovered 1.5bbbls oil & 6.5bbbls produced water
Source of Release ¼ inch valve	Date and Hour of Occurrence June 25, 2017 @ 11:30 AM	Date and Hour of Discovery June 25, 2017 @ 11:30 AM
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 June 25, 2017 @ 2:45 PM Mike Bratcher, OCD June 25, 2017 @ 2:13 PM	
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.* The cable on the rod rotator broke off and wrapped around the wellhead, when the wellhead went up it pulled the cable tight causing the ¼ inch valve to break. The unit was immediately shut off and the 1" valve coming off the pumping T was shut off and the 2" valve on the backside of the casing was closed to stop the release.		
Describe Area Affected and Cleanup Action Taken.* Approximately 2bbbls oil and 14bbbls produced water were released. The release originated on location and sprayed in a South to Southeastern direction into the pasture in an approximate 5' x 5' area. A vacuum truck was dispatched and recovered approximately 1.5bbbls oil & 6.5bbbls produced water. An environmental contractor will be contacted to assist with delineation and remediation.		

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: 	
Title: Field Admin Support	Approval Date: <u>7/3/17</u>	Expiration Date: <u>N/A</u>
E-mail Address: <u>Sheila.fisher@dmn.com</u>	Conditions of Approval: <u>see attached</u>	Attached: <input checked="" type="checkbox"/>
Date: 6/27/17 Phone: 575.748.1829		

Please refer to the New Mexico Oil Conservation Division Website for updated form(s) at: <http://www.emnrd.state.nm.us/OCD/forms.html> Thank you

* Attach Additional Sheets If Necessary

2017-427B



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:

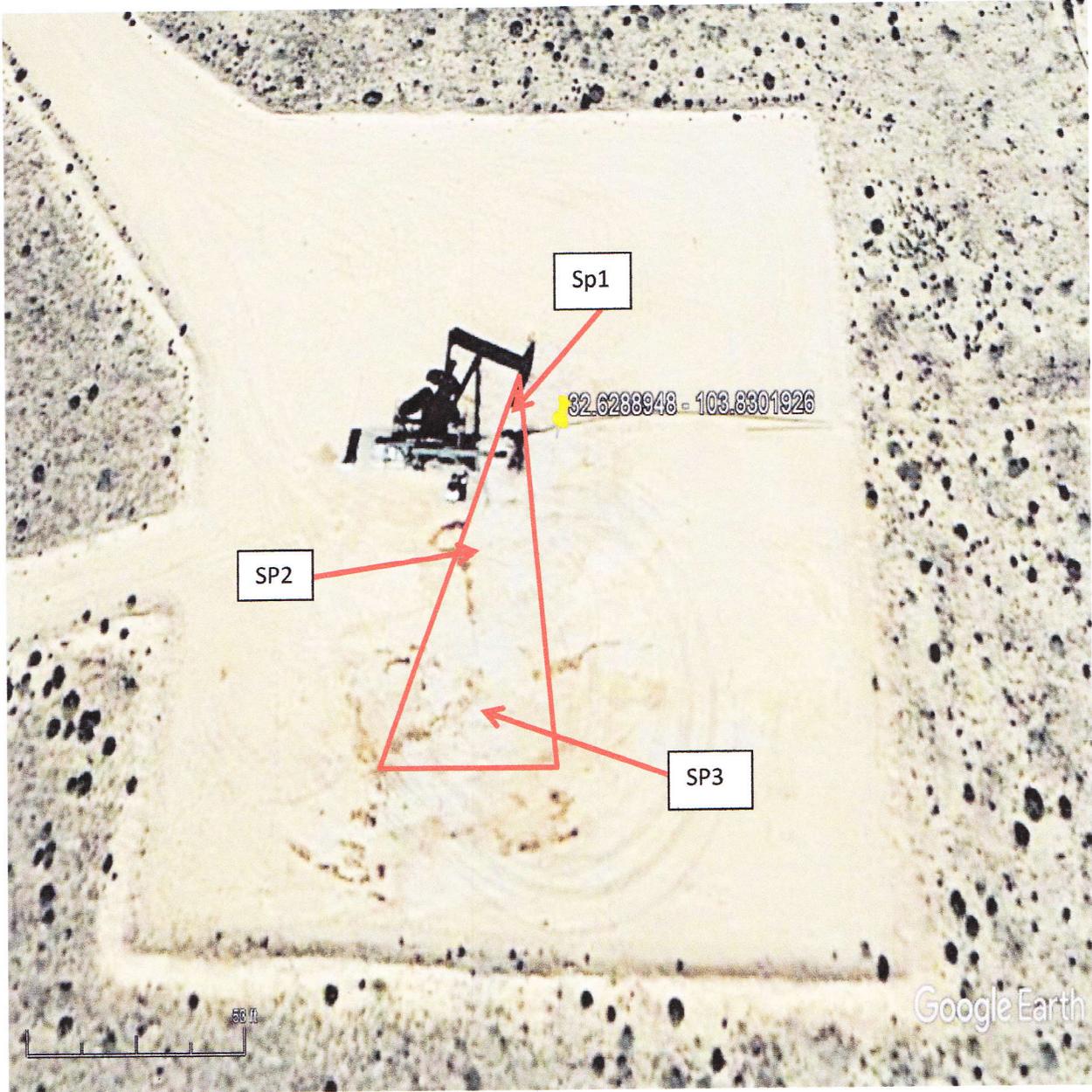
Q4: SW Section(s): 25 Township: 19S Range: 31E

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.

2/6/18 7:37 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

	Sp1	Sp2	Sp3
Surface	4,160	9,104	2,144
6 inches	4,160	3,226	902
1 ft	1,116	1,300	496
1ft 6 inches	1,302	1,204	198
2 ft	1,302	1,302	n/d
3ft	828	4,970	
4ft	198	4,970	
5ft	112	3,226	
6ft		2,736	
7ft		1,418	
8ft		240	
9ft		144	



Devon Energy Company Spica 25 Fed 3H

