

HUNGRY HORSE, LLC

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

3Sept15

To: Mike Bratcher, New Mexico Oil Conservation Division
Jim Amos, Bureau of Land Management
Reference: Remediation Work Plan
Operator: Devon Energy Production Company
Location: North Pure Gold 8 Federal 11 SWD
API: 30-015-32619
Legals: UL. J, Sec. 8, T23S, R 31E, Eddy County NM
GPS: 32.31545, -103.79585

Site Information

This site is located north of New Mexico Highway 128 and west of WIPP Road approximately four miles due south of the WIPP Site. The vegetation in this area consist mainly of native grasses, yucca plants, and mesquite bushes. The terrain of this area is made up mostly of small sand dunes and with no predominant terrain feature present. Based upon the Eddy County Depth to Groundwater Map, depth to ground water appears to be approximately 100'. New Mexico Office of the State Engineer's website list no water data for the section, township and range. The nearest groundwater data listed is in the section due north of Section 8 which is Sec 5, T23S, R31E.

The release is due to a failure of a high pressure line that resulted in a release of produced water. The impacted area is the well pad and small area off the north edge of pad. The major impact seems to be at the point of release which is inside the fenced area of the SWD. Run-off from the point of release spread to the north side of the pad. Upon discovery the well was shut in and the line has been repaired/replaced.

Proposed Remediation Plan

The impacted area at the point of release (inside the fence) will be hand excavated to 2' BGS. The impacted area outside the fence will be scraped and excavated to a depth of .5'-1' BGS. This is an active and working SWD, a full delineation and remediation will be conducted when the facility is removed from service.

The impacted area off the north side of the pad will be excavated to a depth no greater than 4' BGS with composite soil samples being obtained and field tested for chlorides. A closure level of 1000ppm is the target. Should the excavation reach a depth of 4' BGS and the chloride level still exceed 1000ppm, a synthetic liner/barrier will be installed to prevent the downward migration of the chlorides. A soil sample will be obtained and lab analysis conducted for confirmation.

Sincerely,



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

SEP 01 2015

Form C-141
Revised August 8, 2011

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

RECEIVED

Release Notification and Corrective Action

NAME NAB1524531624 **OPERATOR** ☒ Initial Report ☐ Final Report
Name of Company Devon Energy Production Company **Contact** Dan Suniga; Production Foreman
Address 6488 Seven Rivers Hwy Artesia, NM 88210 **Telephone No.** 575-390-5850
Facility Name North Pure Gold 8 Federal 11 **Facility Type** Salt Water Disposal
Surface Owner Federal **Mineral Owner** Federal **API No** 30-015-32619

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	8	23S	31E	1400	South	1540	East	Eddy

Latitude: 32.31545

Longitude: -103.795859

NATURE OF RELEASE

Type of Release <u>Produced water release</u>	Volume of Release <u>20 BBLS</u>	Volume Recovered <u>18 BBLS</u>
Source of Release <u>hole in high pressure hose on H pump</u>	Date and Hour of Occurrence <u>September 1, 2015 2:40 AM</u>	Date and Hour of Discovery <u>September 1, 2015 2:40 AM</u>
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? <u>BLM; Jim Amos OCD-Mike Bratcher</u>	
By Whom? <u>Assistant Production Foreman; David Simmons</u>	Date and Hour <u>BLM-September 1, 2015 4:40 AM</u> <u>OCD- September 1, 2015 2:10 PM</u>	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse <u>N/A</u>	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*

Hole in high pressure line on the H pump allowed 20 BBLS of produced water to be released. The power to the H pump and the charge pump was shut off and then the closed the valves upstream and downstream of the release to prevent further release. Line is being repaired.

Describe Area Affected and Cleanup Action Taken.*

20 BBLS of produced water was released. All of the released fluid remained on location. 18 BBLS of the released fluid was recovered via vacuum truck. Release occurred north of the water tanks. Approximate size of the affected area is 30' x 30'. Most of the released fluid collected in a hole that the produced water created when it released from the high pressure line. Environmental Agency will be contacted for remediation services.

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>Sandy Farley</u>	OIL CONSERVATION DIVISION	
Printed Name: <u>Sandra Farley</u>	Signed By: <u>[Signature]</u>	
Title: <u>Field Admin Support</u>	Approved by Environmental Specialist:	
E-mail Address: <u>sandy.farley@dm.com</u>	Approval Date: <u>9/2/15</u>	Expiration Date: <u>N/A</u>
Date: <u>9.1.15</u> Phone: <u>575.746.5587</u>	Conditions of Approval:	
Remediation per O.C.D. Rules & Guidelines		Attached ☐
SUBMIT REMEDIATION PROPOSAL NO		
LATER THAN: <u>10/2/15</u>		

* Attach Additional Sheets If Necessary

2RP-3233



New Mexico Office of the State Engineer **Water Column/Average Depth to Water**

No records found.

PLSS Search:

Section(s): 8

Township: 23S

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.



Devon Energy Production Company-North Pure Gold 8 Fed 11 SWD



Devon Energy Production Company-Pure Gold 8 Fed 11 SWD

