

State of Colorado Oil and Gas Conservation Commission

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Document Number:

401092903

Date Received:

08/12/2016

Spill report taken by:

Kosola, Jason

Spill/Release Point ID:

447237

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: PIONEER NATURAL RESOURCES USA INCOperator No: 10084Address: 5205 N O'CONNOR BLVD STE 200City: IRVINGState: TXZip: 75039Contact Person: James Roybal

Phone Numbers

Phone: (719) 846-7898Mobile: ()Email: james.roybal@pxd.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401089928Initial Report Date: 08/07/2016Date of Discovery: 08/05/2016Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NESE SEC 12 TWP 32S RNG 67W MERIDIAN 6Latitude: 37.270212 Longitude: -104.830880Municipality (if within municipal boundaries): _____ County: LAS ANIMAS

Reference Location:

Facility Type: WELL☐ Facility/Location ID No _____☐ No Existing Facility or Location ID No.☒ Well API No. (Only if the reference facility is well) 05-071-09702

Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? Yes

Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.

Were Five (5) barrels or more spilled? Yes

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): 0Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=1 and <5Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: sunny hotSurface Owner: FEE

Other(Specify): _____

Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State ☐ Residence/Occupied Structure ☐ Livestock ☐ Public Byway ☐ Surface Water Supply Area ☐

As defined in COGCC 100-Series Rules

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

We had a spill that was found by the lease operator on 8/5/16 at around 12:30PM on the Lickity Split 43-12 well site (API# 05-071-09702). Upon arrival the operator found the packing on the well head leaking water, the leak was isolated immediately and is estimated that 5bbls of produced water were spilled. Most of the water remained on location but a small amount ran down the north side of the lease road (toward the west) about 20' where it ended. No state waters were involved.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
8/5/2016	Land owner	Ed Bell	-	via phone
8/6/2016	COGCC	Jason Kosola	-	email
8/6/2016	LACOG	Bob Lucero	-	email

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 08/12/2016		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	5	0	<input type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	0	0	<input type="checkbox"/>

specify: _____

Was spill/release completely contained within berms or secondary containment? NO Was an Emergency Pit constructed? NO

*Secondary containment, **including walls & floor regardless of construction material**, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.*

A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit

Impacted Media (Check all that apply) ☒ Soil ☐ Groundwater ☐ Surface Water ☐ Dry Drainage Feature

Surface Area Impacted: Length of Impact (feet): 185 Width of Impact (feet): 2

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): 0

How was extent determined?

Visual inspection

Soil/Geology Description:

From the NRCS soil survey map: Allens Park-Wahatoya complex

Depth to Groundwater (feet BGS) 125 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest	Water Well <u>831</u>	None <input type="checkbox"/>	Surface Water <u>3399</u>	None <input type="checkbox"/>
	Wetlands _____	None <input checked="" type="checkbox"/>	Springs <u>2850</u>	None <input type="checkbox"/>
	Livestock _____	None <input checked="" type="checkbox"/>	Occupied Building _____	None <input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

The packing was replaced and maintained

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 08/09/2016

Cause of Spill (Check all that apply) ☒ Human Error ☐ Equipment Failure ☐ Historical-Unknown
☐ Other (specify) _____

Describe Incident & Root Cause (include specific equipment and point of failure)

Mechanical failure due to inadequate maintenance

Describe measures taken to prevent the problem(s) from reoccurring:

Communicate to lease operators to perform necessary maintenance on equipment on routine visits to locations

Volume of Soil Excavated (cubic yards): _____

Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☐ Onsite Treatment
☐ Other (specify) _____

Volume of Impacted Ground Water Removed (bbls): _____

Volume of Impacted Surface Water Removed (bbls): _____

REQUEST FOR CLOSURE

Spill/Release Reports should be closed when impacts have been remediated or when further investigation and corrective actions will take place under an approved Form 27.

Basis for Closure: ☒ Corrective Actions Completed (documentation attached)

☐ Work proceeding under an approved Form 27

Form 27 Remediation Project No: _____

OPERATOR COMMENTS:

Produced water quality data from the well associated with or representative of the spill is attached. Pioneer and its consulting geochemical specialists have found, after 20 years operating in the Raton Basin CBM field, that soil sampling no longer adds useful data on smaller, short-term spills as land uses and the environment are not sensitive to short-term exposure to CBM produced water. Effects to soil chemistry from short-term CBM produced water spills are temporary and shallow for several reasons: the water does not contain crude oil or liquid hydrocarbons; the TDS is significantly less than 10,000 mg/L; it is suitable for livestock watering, wildlife and in many cases surface discharge. Mixed with other water it is suitable for irrigation without impact. When requested by the agency or landowner Pioneer has and will collect soil samples. Pioneer Natural Resources request closure of this spill based on this statement and attached water quality data.

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: _____ Print Name: James Roybal
Title: Environmental Supervisor Date: 08/12/2016 Email: james.roybal@pxd.com

COA Type

Description

Attachment Check List

Att Doc Num

Name

401092939	ANALYTICAL RESULTS
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Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)