

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401470207

Date Received:

11/29/2017

Spill report taken by:

Kosola, Jason

Spill/Release Point ID:

453167

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC Rule 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: PIONEER NATURAL RESOURCES USA INC

Operator No: 10084

Address: 5205 N O'CONNOR BLVD STE 200

City: IRVING

State: TX

Zip: 75039

Contact Person: James Roybal

Phone Numbers

Phone: (719) 846-7898

Mobile: ()

Email: james.roybal@pxd.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401467576

Initial Report Date: 11/25/2017

Date of Discovery: 11/24/2017

Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSE SEC 32 TWP 32S RNG 66W MERIDIAN 6

Latitude: 37.211740 Longitude: -104.799570

Municipality (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) 05-071-06296

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? No

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

Estimated Oil Spill Volume(bbl): 0

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=1 and <5

Estimated Other E&P Waste Spill Volume(bbl): 0

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: Warm sunny

Surface 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 yesterday 11-24-17 on the Wharton 33-32 well site (API# 05-071-06296). Lease operator reported a broken fitting on the well head allowed produced water to be spilled on location. The leak was isolated upon discovery, plans for repairs are being made. It is estimated at this time that 2bbls of produced water were spilled with no State Waters involved. Most of the water remained on location and a small amount ran off toward the lease road about 10'.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
11/25/2017	COGCC	Jason Kosola	-	email
11/25/2017	LACOG	Bob Lucero	-	email
11/24/2017	Land owner	Gary James	-	Voice mail

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 11/29/2017		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	2	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): 60 Width of Impact (feet): 3

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

How was extent determined?

Visual inspection

Soil/Geology Description:

From the NRCS soil survey map:Trujillo sandy loam

Depth to Groundwater (feet BGS) 50 Number Water Wells within 1/2 mile radius: 6

If less than 1 mile, distance in feet to nearest	Water Well <u>240</u>	None <input type="checkbox"/>	Surface Water <u>150</u>	None <input type="checkbox"/>
	Wetlands _____	None <input checked="" type="checkbox"/>	Springs <u>922</u>	None <input type="checkbox"/>
	Livestock _____	None <input checked="" type="checkbox"/>	Occupied Building <u>630</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

During the investigation it was determined that vibration caused the nipple a nipple on the well head to break

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 11/29/2017

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)

The Root Cause was determined as mechanical failure due to excessive wear and tear.

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

A work order was issued to have additional bracing added to the well head to eliminate the vibration.

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: 11/29/2017 Email: james.roybal@pxd.com

COA Type

Description

Based on review of information presented it appears that no further action is necessary at this time. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water or vegetation is found to be significantly impacted, further investigation and/or remediation activities may be required at the site.

Attachment Check List

Att Doc Num

Name

401470207	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401470216	ANALYTICAL RESULTS
401477851	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
--	--	------------------------

Total: 0 comment(s)