

FORM
22

Rev
05/13

State of Colorado
Oil and Gas Conservation Commission

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



OGCC RECEPTION

Receive Date:
02/15/2018

Accident Tracking No.:
401542692

ACCIDENT REPORT

As required by Rule 602.b.

CONTACT INFORMATION

☐ Initial Notice of Accident ☒ Subsequent Notice of Accident

OGCC Operator Number: 100264 Contact Name: Jessica Dooling
Name of Operator: XTO ENERGY INC Phone: (970) 675-4122
Address: 600 E EXCHANGE AVE Fax: (970) 675-4150
City: FORTH WORTH State: TX Zip: 76164 Email: jessica_dooling@xtoenergy.com

DESCRIPTION OF ACCIDENT (Please be as specific as possible)

Date of Accident: 12/24/2017 Time of Accident: 2:30 PM
API Number: 05- Facility ID: 316254 Type of Facility: LOCATION
Well/Facility Name: PICEANCE CREEK UNIT-62S96W Well/Facility Num: 19SWSE
County: RIO BLANCO
Location: QTRQTR: SWSE Sec: 19 Twp: 2S Rng: 96W Meridian: 6
Lat: 39.857733 Long: -108.208103
Field Name: PICEANCE CREEK Field Number: 68800

DESCRIPTION

Provide a detailed description of the accident, problems, and cause (equipment failure, human error, etc.): actions taken to provide well control in detail::

On 12/24/2017, at approximately 2:30 p.m. MST a third party contract water hauler (CE) reported to XTO that the produced water tank on location had exploded. The CE had removed his hoses and grounding wire after loading produced water and was preparing to leave location when the event occurred. CE shut truck off, evacuated location on foot and contacted XTO. CE was transported to medical facility for evaluation and later released.

Access to the location was restricted, the well pad was isolated and the well was shut in. The 400 bbl produced water tank came to rest ~35 feet to the NW.

Approximately ten (10) bbls of produced water were released. Produced water was released to secondary containment area and a mist to the well pad, see Form 19 DOC 401495784.

Investigation findings:

- Immersion electric tank heater in use in 400 bbl produced water tank
- Contractor had removed hoses and grounding wire from tank after loading produced water
- Tank exploded as CE was prepared to leave location
- Approximately 6 inches produced water remained in tank (~10 bbls)
- Water level was below level of heater in tank

Root Cause:

Engineering/Design

- Water load line was located below the level of the heater causing it to be exposed to gasses
- No low level shutdown was in place and a high temperature shut off on immersion heater if exposed to air was not in place
- Hazard of exposing immersion electrical heater had not been identified

Corrective Actions:

- Remove Make: Chromalox/Model: CAT.NO.TMS-3065E immersion heaters from field and dispose/destroy (immersion heaters without a Low Water Level Temperature Shut Down). See attached Work Schedule.
- Ensure load line valves are located above level of immersion electrical heater in tanks if technically feasible
- Install immersion electrical heaters (where necessary) with Low Water Level Temperature Shut Downs

OTHER NOTIFICATIONS

List the parties and agencies notified (LDG, County, BLM EPA, DOT, Local Emergency Planning Coordinator or others)

Date	Agency	Contact	Response
12/25/2017	CGOCC	Stan Spencer	Left Voicemail
12/24/2017	Sherriff-Rio Blanco County	Dispatch	EMS and Fire Rescue were dispatched to location
12/25/2017	BLM WRFO	Tracy Perfors	Left Voicemail
12/25/2017	Rio Blanco County	Lannie Massey	Left Voicemail

OPERATOR COMMENTS and SUBMITTAL

All Immersible Heaters of Make: Chromalox/Model: CAT.NO.TMS-3065E have been removed from service and will be destroyed. These heaters will be replaced (where necessary) with imersion heaters that have Low Water Level Temperature Shut Downs and load line valves will be located above the level of imersion heaters in tanks.

This form must be signed by an authorized agent of the entity making assertion.

I certify under penalty of perjury that this report has been examined by me and to the best of my knowledge is true, correct and complete.

Print Name: Jessica Dooling

Email: jessica_dooling@xtoenergy.com

Signature: _____

Title: Piceance EHS Supervisor

Date: 02/15/2018

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)

Attachment Check List

Att Doc Num

Name

401545192	OTHER
401546736	OTHER

Total Attach: 2 Files