

FORM
INSPRev
X/20State of Colorado
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

10/06/2021

Submitted Date:

10/11/2021

Document Number:

690102651

FIELD INSPECTION FORM

 Loc ID _____ Inspector Name: _____ On-Site Inspection
 462025 _____ Maclaren, Joe _____ 2A Doc Num: _____
Operator Information:
 OGCC Operator Number: 10071
 Name of Operator: HIGHPOINT OPERATING CORPORATION
 Address: 555 17TH ST STE 3700
 City: DENVER State: CO Zip: 80202
Status Summary:

-
- THIS IS A FOLLOW UP INSPECTION
-
-
- FOLLOW UP INSPECTION REQUIRED
-
-
- NO FOLLOW UP INSPECTION REQUIRED

Findings:
 2 Number of Comments
 0 Number of Corrective Actions
 Corrective Action Response Requested

**ANY CORRECTIVE ACTION(S) FROM
 PREVIOUS INSPECTIONS THAT HAVE NOT
 BEEN ADDRESSED ARE STILL APPLICABLE**
Contact Information:

Contact Name	Phone	Email	Comment
Kelly, Luke		LKelly@bonanzacrk.com	
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
		EHSRC@bonanzacrk.com	
Chesson, Robert		robert.chesson@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
462017	WELL	PR		OW	123-49714	Grinde 01-64-05-1724C	EG
477732	Flowline System	AC	08/27/2020		-	Grinde_Flowline_System	EG
480881	SPILL OR RELEASE	AC	10/06/2021		-	Grinde 1-64-5_4 PW Dumpline	EG

General Comment:

Engineering Integrity inspection performed on October 6th, 2021 in response to initial form 19 spill report Doc #402831959 received by COGCC on 10/05/2021 that outlines: While performing semi-annual pressure testing on the Grinde 1-64-5_4 NWSW comingled produced water dumpline, produced fluids were seen rising to the surface around the separator. The flowline was immediately isolated and blowdown. Vacuum trucks were mobilized to expose the compromised line and allow access for repairs. The line will be pressure tested prior to returning to service.

Details of observations made during this field inspection are located in the flowline and comment sections of this report. Photos uploaded.

Inspected Facilities									
Facility ID:	462017	Type:	WELL	API Number:	123-49714	Status:	PR	Insp. Status:	EG
Facility ID:	477732	Type:	Flowline	API Number:	-	Status:	AC	Insp. Status:	EG
Facility ID:	480881	Type:	SPILL OR	API Number:	-	Status:	AC	Insp. Status:	EG

Flowline

#1	Type: Dump Line	of Lines
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Flowline Description

Flowline Type: Dump Line Size: 2" Material: Carbon Steel
 Variance: No Age: 1-5 Yrs Contents: Produced Water

Integrity Summary

Failures: Internal Corrosion Spills: Yes Repairs Made: Yes
 Coatings: H2S: Cathodic Protection:

Pressure Testing

Witnessed: Test Result: Charted:

COGCC Rules (check all that apply)

1101. Installation and Reclamation 1102. Operations, Maintenance, and Repair 1103. Abandonment

Comment: COGCC Integrity Inspector met with Highpoint contract personnel on location on 10/06/2021. An open hydro-excavation was observed adjacent to the west side (discharge) of the HHS servicing the Grinde 01-64-05-1724C well. Contractors were in the process of removing and replacing a failed 2" to 4" produced water dump flowline T fitting. The failure appears to be associated with internal corrosion and/ or erosion corrosion where the 2" dump flowline outlet ties into a 4" common produced water gathering flowline servicing multiple wells. A quarter size hole was observed at the 6 o'clock position within the T fitting. A new fitting is being installed; however, the root cause of failure may continue to affect the integrity of this and other dump flowlines servicing this facility.

Note: Update applicable information to CA section of COGCC supplemental form 19 to include the following:
 - Root cause of flowline failure resulting in this release (corrosion mechanism) (1104.k. Integrity Failure Investigation/ operator determination)
 - Measures taken to prevent a recurrence (1724C and other dump flowlines at facility) (1102.d Installation and 1102.l Corrosion Control)
 - Description of flowline repair/ replacement work completed (1102.j. Repair)
 - Pressure test flowline(s) prior to return to service; post repair integrity confirmation (1102.j.4 and 1102.O)

Corrective Action: Date:

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
690102652	Signage at tank battery	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5551787
690102653	Failed T fitting; removed from flowline system	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5551788
690102654	Internal corrosion failure; T fitting	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5551789

690102655	Flowlines exposed in excavation; repair work	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5551790
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