

**FORM  
INSP**

Rev  
X/15

**State of Colorado  
Oil and Gas Conservation Commission**

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



Inspection Date:

01/19/2021

Submitted Date:

01/26/2021

Document Number:

690102252

**FIELD INSPECTION FORM**

Loc ID 421630 Inspector Name: Maclaren, Joe On-Site Inspection  2A Doc Num: \_\_\_\_\_

**Status Summary:**

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

**Operator Information:**

OGCC Operator Number: 8960  
Name of Operator: BONANZA CREEK ENERGY OPERATING COMPANY  
Address: 410 17TH STREET SUITE #1400  
City: DENVER State: CO Zip: 80202

**Findings:**

- 3 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	
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,		EHSRC@bonanzacrk.com	
Allison, Rick		rick.allison@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
457523	WELL	PR	08/01/2019	OW	123-47956	Park U-4-9XRLC	EG
464116	OFF-LOCATION FLOWLINE	AC			-	Wellhead Line 24-34 Pad	EG
477881	SPILL OR RELEASE	CL			-	Park U-4-9XRLC Flowline	EG

**General Comment:**

COGCC Engineering Integrity Inspection; Off location flowline pressure testing witnessed. Pressure testing chart and photos uploaded.

**Inspected Facilities**

Facility ID: 457523 Type: WELL API Number: 123-47956 Status: PR Insp. Status: EG

**Flowline**

#1	Type: Non-Well Site	1 of Lines
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Flowline Description

Flowline Type: <u>Non-Well Site</u>	Size: <u>3"</u>	Material: <u>Carbon Steel</u>
Variance: <u>No</u>	Age: <u>New</u>	Contents: <u>Multiphase</u>

Integrity Summary

Failures:	Spills:	Repairs Made: <u>Yes</u>
Coatings: <u>Yes External</u>	H2S: <u>No</u>	Cathodic Protection:

Pressure Testing

Witnessed: <u>Yes</u>	Test Result: <u>Pass</u>	Charted: <u>Yes</u>
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COGCC Rules (check all that apply)

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

Comment: COGCC Inspector met with BCEO and contract personnel on location. The off location wellhead flowline servicing the Park U-4-9XRLC well has been replaced in entirety; pre-existing flowline removed. The flowline runs approximately 3000' E-NE from the wellhead to facility; new 3" OD FBE schedule 80 X-42/ X-52 pipe materials were used to construct the flowline. The flowline pressure test (hydro/ new construction) was run for 8 hours and recorded on a data logger (crystal gauge/ both endpoints); Initial test pressure reading 3635.5 psi, end test pressure reading 3634.7 psi.

The test recorded minimal pressure deviation (loss < 10%) and adequate stabilization. This test witnessed is deemed passing/ satisfactory per COGCC rule 1104.h.(1)

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Facility ID: 464116 Type: OFF- API Number: - Status: AC Insp. Status: EG

Facility ID: 477881 Type: SPILL OR API Number: - Status: CL Insp. Status: EG

**COGCC Comments**

Comment	User	Date
As outlined on COGCC FIR Doc #690102101 submitted on 09/28/2020: COGCC Inspector met with BCOC personnel on location on 9/28/20. The off location flowline servicing the Park U-4-9XRLC well (along with other OLF's in same ROW) was observed exposed in an open excavation (with impacted groundwater) approximately 1300 feet NE from the wellhead. An integrity failure to the flowline resulted in a reportable spill at the approximate midway point between the wellhead and facility (spill ID #477881, 40.348840, -104.429914). This area may be low point along the length of flowline as it was installed under/ dips under older existing OLF's. BCOC personnel and contractors are in the process of investigating the root cause of failure and determining a strategy for making repairs, replacing and/ or abandoning the flowline; approximately 25 linear feet of the flowline had been cut out for examination in the area of failure. Internal corrosion was observed in the 6 o'clock position (along with a pinhole corrosion failure) in the cutout section of pipe. The corrosion mechanism will be determined through a failure analysis; however, based on observations may be associated with CO2 and/ or MIC corrosion. The extent of damage to the overall length of the flowline (approximately 3000'), as well as the internal condition of adjacent flowline(s) constructed in the same period of time, is also under investigation by BCOC. Excavation and remediation activities in response to the release are in progress.	maclarej	01/26/2021

**Attached Documents**

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

Document Num	Description	URL
690102254	Pressure Test Chart	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5336850">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5336850</a>
690102256	Wellhead; signage	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5336851">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5336851</a>
690102257	OLF inlet at HHS	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5336852">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5336852</a>