

**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:

09/25/2019

Submitted Date:

10/10/2019

Document Number:

690101436

FIELD INSPECTION FORM

Loc ID _____ 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: 46290
Name of Operator: KP KAUFFMAN COMPANY INC
Address: 1675 BROADWAY, STE 2800
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
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Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
467496	SPILL OR RELEASE	AC	09/13/2019		-	Thomas L. Russell 'B' 1	EG

General Comment:

Followup COGCC (EG) Field Inspection; Pressure testing witnessed. The Corrective Actions outlined on COGCC FIR Doc #690101405 dated 09/17/2019 have been completed by the operator. Photos and flowline pressure testing data uploaded can be accessed via link(s) at end of report.

Inspected Facilities

Facility ID: 467496 Type: SPILL OR API Number: - Status: AC Insp. Status: EG

Flowline

#1	Type:	of Lines	
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Flowline Description

Flowline Type: _____ Size: _____ Material: _____
 Variance: _____ Age: _____ Contents: _____

Integrity Summary

Failures: _____ Spills: _____ Repairs Made: _____
 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: Explanation pertaining to Corrective Actions identified on FIR Doc #690101405 received via email from operator (Max Knop) on 9/30/2019 and 10/3/2019:

- 1) Flowline failure due to significant corrosion on the exterior of the flowline.
- 2) 150 ft. section of flowline stung with 3-inch poly pipe to remove the risk of external corrosion associated with the carbon steel flowline at this location.
- 3) Flowline repaired by stinging 150 feet of 3-inch poly pipe with tracer wire inside existing 4-inch carbon steel line. Flowline pressure tested to confirm repairs
- 4) *Pressure testing witnessed by COGCC Inspector on 9/25/2019 ; Verification of repairs completed, test results satisfactory
- 5) The accurate geographical coordinates for the release location are: Lat. 40.10768, Long. -104.942589; Ground water was observed at the base of the excavation however, at the time of the initial Form 19 submittal (Spill ID #467496), there was no presence of ground water, and it was not known that Waters of the State were threatened. Unable to correct this information in the Supplemental Form 19, as it's not a field that can be edited in supplemental submittals. Two (2) groundwater samples were collected from the location on separate dates. Both samples have come back ND for BTEX. Copies of the groundwater sample analyses will be provided in the Supplemental Form 19; Supplemental Form 19 to be submitted will report correct description of the flowline material (carbon steel) in the Corrective Actions Report.

Max Knop | K.P. Kauffman Company, Inc.

Corrective Action: _____

Date: _____

COGCC Comments

Comment	User	Date
<p>As outlined on the initial COGCC EG FIR Doc #690101405:</p> <p>COGCC Inspector was on site on the following dates: 7/16 & 7/17/2019. A failure occurred on the 4" carbon steel crude oil consolidation line resulting in the release (at approximately 40.10768, -104.942589). The Thomas L. Russell B #1 flowline ties into this Facility #4 North consolidation line. Approximate 20 linear feet of the 4" flowline is being cut out where the damage was found; the cut out pipe section to be removed from the excavation. The cause of the failure is unclear at this time; however, appears to be associated with external coating damage resulting in an external corrosion pinhole. A clamp was observed on the 4" line indicating a historical repair was completed in the same area. KPK crews are in the process of completing repairs to the line. An excavation exposing the flowline was observed approximately 150' north of the failure/ release point (at approx 40.108082, -104.942590). Crews are planning to cut the 4" line at this excavation and sting/ slip line approximately 150' of rolled 3" DR 11 HDPE pipe inside the existing 4" carbon steel line to the excavation at the point of release. Cut ends to be connected using carbon steel to poly (HDPE) transitions. Spill response, excavation and remediation activities are currently in progress.</p>	maclarej	10/10/2019

Attached Documents

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

Document Num	Description	URL
690101459	Signage at wellhead	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4960197
690101460	Pressure test chart; test results satisfactory	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4960198
690101461	View east toward excavation; pressure testing	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4960199
690101462	Consolidation flowline repair completed; tracer wire	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4960200