

**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:

09/17/2019

Submitted Date:

09/18/2019

Document Number:

690101405

FIELD INSPECTION FORM

Loc ID _____ Inspector Name: _____ On-Site Inspection
Maclaren, Joe _____ 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:

- 2 Number of Comments
- 1 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
Knop, Max		MKnop@kpk.com	
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Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
		cogcc@kpk.com	
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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:

COGCC Engineering Integrity Inspection completed on 8/22/2019 in response to initial form 19 spill report Doc #402175576 received on 09/13/2019 that outlines the following: Flowline release discovered at 3:00 pm on 09/12/2019. Associated well was immediately shut-in to prevent further fluid release. Based on observance of the release location and production history of the associated well, less than 1 barrel of fluid was released. Further investigation and excavation activities will be needed to fully delineate the extent of contamination.

Details of Corrective Actions Required identified during field inspection are located in the flowline section of this report. Photos uploaded.

Inspected Facilities

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

Flowline

#1	Type: <u>Non-Well Site</u>	of Lines	
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Flowline Description

Flowline Type: Non-Well Site Size: 4" Material: Carbon Steel
 Variance: No Age: 20+ Yrs Contents: Crude Oil

Integrity Summary

Failures: External Corrosion Spills: Yes Repairs Made:
 Coatings: Yes External H2S: No Cathodic Protection: No

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 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.

Corrective Action: Email information outlined below to COGCC Inspector and update CA section of supplemental form 19 spill report to include the following (pertaining to compliance of COGCC series 1100 flowline regulations):
 1) Root cause of flowline (crude oil consolidation line) failure resulting in this release (operator determination)
 2) Measures taken to prevent the problem from reoccurring at this location and other points along the flowline
 3) Detailed written description of all repairs, replacements and abandonment work completed (at spill ID #467496)
 4) Post repair pressure testing to be witnessed by COGCC staff. Contact COGCC Inspector regarding upcoming scheduling of flowline pressure testing; flowline pressure testing to be charted; satisfactory pressure test shall be completed by the operator prior to returning Facility 4 North consolidation flowline to service.
 5) Contact COGCC Environmental Staff regarding the following (3) items: A) The Lat/ Longs submitted by the operator for the location of the spill is inaccurate. Provide updated location information. B) Ground water was observed in the excavation during the field inspection; waters of the state impacts was not indicated (checked) on the initial form 19. C) The CA section of the form 19 indicates the failure occurred on a fiberglass flowline. This information is inaccurate (carbon steel) and shall be updated by the operator.

Date: 10/21/2019

Attached Documents

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

Document Num	Description	URL
690101415	Photo Log Spill ID#467496	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4941084