

**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:

07/08/2019

Submitted Date:

07/09/2019

Document Number:

690101288

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:

- 3 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
		cogcc@kpk.com	
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Canfield, Chris		chris.canfield@state.co.us	
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Axelson, John		john.axelson@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
463820	SPILL OR RELEASE	AC	04/19/2019		-	Facility #4 North	EG

General Comment:

COGCC Engineering Integrity Inspection completed in response to initial form 19 spill report Doc #401997063 received on 04/04/2019 that outlines the following: KPK was notified of oil that had surfaced close to the intersection of Weld County Road 13 & 16. KPK shut in the Facility #4 North consolidation line associated with the release. Excavation began on 3/28/2019 to repair the damaged section of flowline and remove visible contamination. Once contaminated soil was removed and damaged section of flowline exposed, KPK was notified by the Town of Frederick that it needed to obtain a permit to continue with repair activities. As such, the excavation area was backfilled and further activities halted until proper permit(s) are obtained.

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

Inspected Facilities

Facility ID: 463820 Type: SPILL OR API Number: - Status: AC Insp. Status: EG

Flowline

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

Flowline Type: Non-Well Site Size: 3" Material: Carbon Steel
 Variance: Age: Contents: Multiphase

Integrity Summary

Failures: Spills: Yes 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: COGCC Inspector was on site on the following dates: 6/20, 6/24, 7/1 and 7/8/2019. KPK scheduled excavation work to expose the Facility #4 North Consolidation flowline for 6/20/2019. During hydro excavation, KPK and contract crews exposed (1) 3" carbon steel crude oil consolidation flowline and (1) 2" carbon steel natural gas flowline (both KPK operated/ run E-W on N side Tipple Parkway); Also, (2) 2" CS off location flowlines (oriented N-S) were encountered (that tie in to the 3" consolidation and 2" natural gas flowlines) in the area where the release occurred. Also, (2) historically abandoned (open ended) flowlines were observed exposed in the excavation; In addition, several marked utilities (non KPK/ Via 811 call) were present in the excavation. A bolted clamp was observed on the 3" crude oil consolidation line as part of a previous (historical) repair. The failure/ release point has not been identified/ confirmed at this time. Free product (crude oil) was observed in the bottom of the excavation (on standing water).

In an effort to repair the crude oil consolidation flowline, KPK crews completed an excavation (6/27/19 at 40.102337, -104.949379) approximately 1250' west of the release on the north side of Tipple PKWY and exposed the 3" consolidation line (also the 2" KPK gas line). An attempt was made to sting (slip-line) approximately 1250' of 2" SDR 11 HDPE pipe inside the failed 3" consolidation line and tie in the new pipe at each cut end; however, a blockage was encountered in the 3" line approximately 1100' east of the second excavation and the scheduled repair unable to be completed.

The excavation at the release point was observed open, fenced and covered during inspection on 7/8/2019; the second excavation (1250' west) has been backfilled and closed.

Corrective Action: Email information outlined below to COGCC Integrity Inspector and update CA section of supplemental form 19 spill report to include the following (pertaining to compliance of COGCC series 1100 flowline rules):

- 1) Final determination of root cause of flowline(s) failure(s) resulting in this release
- 2) Measures taken to prevent the problem from reoccurring at this location and other points along flowline(s)
- 3) Detailed written description of all flowline repair, replacement and abandonment work completed (at spill ID #463820 and second excavation)
- 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.

Date: 08/09/2019

COGCC Comments

Comment	User	Date
All corrective actions required identified from previous COGCC field inspections (ENV Insp Doc #688500151) that have not been addressed are still applicable.	maclarej	07/09/2019

Attached Documents

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

Document Num	Description	URL
690101310	Photo Log	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4872580