

**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:

10/15/2020

Submitted Date:

10/16/2020

Document Number:

690102117

FIELD INSPECTION FORMLoc ID _____ Inspector Name: _____ On-Site Inspection ☐
Maclaren, Joe 2A Doc Num: _____**Operator Information:**

OGCC Operator Number: 46290

Name of Operator: KP KAUFFMAN COMPANY INC

Address: 1675 BROADWAY, STE 2800

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

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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Oakman, Kari		kari.oakman@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
465402	SPILL OR RELEASE	AC	10/08/2020		-	John Weigandt Consolidation	EG

General Comment:

Engineering Integrity Inspection performed in response to initial form 19 spill report Doc #402505737 received by COGCC on 10/07/2020 that outlines: KPK observed liquids surfacing on October 6, 2020 around 4:30 p.m. Flowline system and associated wells were shut-in immediately upon discovery. Vac truck was brought in to remove pooled liquids and depressurize the flowline system. Excavation began immediately to expose the flowline and begin removing impacted soil. Flowline failure occurred along a 4-inch carbon steel line due to internal corrosion. Point of failure on the flowline was found to have occurred in the 5 o'clock position (looking west).

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

Inspected Facilities

Facility ID: 465402 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: 4" Material: Carbon Steel
 Variance: No Age: 20+ Yrs Contents: Multiphase

Integrity Summary

Failures: External Corrosion Spills: Yes Repairs Made: Yes
 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 spoke with KPK field personnel in the process of completing flowline repairs/ replacements to the 4" CS John Weigandt consolidation flowline. Approximately 1500 linear feet of 3" OD SDR 11 rolled HDPE pipe (with tracer wire) is being sliplined through and replacing the existing 4" carbon steel flowline. (5) Bell hole excavations were observed; sections of the carbon steel pipe had been cut out (at pipe bends/ 90's) to access the pipe for the internal stinging work. The endpoints of the newly installed pipe align with previously/ historically installed 3" HDPE and are scheduled to be connected via poly fusion welding. The failed pipe section was observed at the excavation located at 40.001946, -104.876365; An external corrosion hole (dime size) was observed on the side wall of the pipe section removed. Note: (1) 1" CS out of service off location/ gas supply flowline was also exposed (cut) in the excavations (cut ends need to be capped).

Corrective Action: Update CA section of supplemental form 19 spill report to include information pertaining to compliance of COGCC series 1100 flowline regulations:
 1) Root cause of failure (final determination); measures taken to prevent a recurrence
 2) Description of flowline repair, replacement and abandonment work completed (at spill ID #465402; supporting compliance of rule 1102.j. Repair)
 3) Contact COGCC Inspector with schedule of post repair pressure testing. Perform OLF flowline pressure testing to verify integrity of repairs/ reconnections completed prior to returning the John Weigandt consolidation flowline to service (rule 1102.j.4 and 1102.O). Upload pressure testing chart to COGCC Form 19 subsequent.
 4) Complete abandonment of the historical/ out of service 1" CS flowline per COGCC rule 1105 (ends sealed per 1105.e.4).

Date: 11/18/2020

Attached Documents

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

Document Num	Description	URL
402513234	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5272234
690102118	Photo Log	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5272228