

**FORM
INSP**Rev
X/20**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:

02/09/2024

Submitted Date:

02/13/2024

Document Number:

705000620**FIELD INSPECTION FORM**Loc ID 335715 Inspector Name: Maclaren, Joe On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 46290Name of Operator: KP KAUFFMAN COMPANY INCAddress: 1700 LINCOLN ST STE 4550City: DENVER State: CO Zip: 80203**Status Summary:**

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

Findings:2 Number of Comments1 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
Anderson, Laurel		laurel.anderson@state.co.us	
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Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
201737	WELL	PR	02/01/2023	OW	001-07141	ZARLENGO 2	SI
485983	SPILL OR RELEASE	AC			-	Zarlengo #2 Flowline	EG

General Comment:

ECMC Engineering Integrity Inspection performed on February 9th, 2024 in response to initial form 19 spill report Doc #403666525 received on 02/01/2024 that outlines: Chevron Oil and Gas Company identified oil at the surface along the KPK flowline at 2pm on 1/31/24 while performing leak survey for nearby facilities using a drone. KPK crews then scraped and staged the contaminated soil from the surface into a plastic tarp that was then hauled off site and disposed of at Front Range Landfill. The cause of the flowline failure is unknown but upon inspection a crack was observed in the poly pipe at the 6 o'clock position at the fused joint. KPK speculates that the line was overpressurized due to a freeze at the header downstream. Further investigation and excavation is needed and ongoing.

Corrective actions/ information requested is outlined in the flowline section of report. Photo log is uploaded.

Inspected Facilities

Facility ID: 201737 Type: WELL API Number: 001-07141 Status: PR Insp. Status: SI

Flowline

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

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

Integrity Summary

Failures: Welds Spills: Yes Repairs Made: No
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: ECMC Integrity Inspector on location 02/09/2024; No KPK personnel were on site at time of inspection. A fenced excavation (measuring approx 10' x 10') was observed @ 39.993684, -104.902582 approximately 130' SE of the tank battery. (1) 3" OD HDPE off location flowline was observed exposed in the excavation; the failure at the fused joint appears to be where two different HDPE pipe types/ colors (black fused to orange) were joined together via butt end fusion welding. The weld bead was observed; the double weld bead is not uniformly rounded. The orange colored bead is larger than the black pipe weld bead. The cause of pipe failure appears to be from improper butt end fusion welding as a result of incomplete pipe facing, heating and/ or pipe alignment during joining. Flowline repair work has not been initiated. OOSLAT was observed on flowline valves at the inlet to HHS. Excavation and remediation activities are in process.

Corrective Action: Document information requested below in the CA section of ECMC supplemental form 19 spill report to include the following (compliance of COGCC series 1100 flowline rules):
1) Outline root cause of failure resulting in spill (additional details/ specifics) (1104.k. Integrity Failure Investigation/Operator Determination)
2) Measures taken to prevent a recurrence of failure (1104. Integrity Management)
3) Description of flowline repair work completed (1102.j. Repair)
4) Provide ECMC with current written HDPE fusion welding procedures, training records and quality control measures being used in the field.
5) Confirm integrity of flowline repairs/ reconnections (via pressure testing/ upload chart with test date) prior to returning flowline(s) to service (1102.j.4 and 1102.O)
*use form 27 to document information if form 19 is closed

Date: 02/27/2024

Facility ID: 485983 Type: SPILL OR API Number: - Status: AC Insp. Status: EG

Attached Documents

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

Document Num	Description	URL
403685963	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6428170
705000628	Photo Log	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6428169