

**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:

11/06/2020

Submitted Date:

11/18/2020

Document Number:

690102171**FIELD INSPECTION FORM**

Loc ID \_\_\_\_\_ Inspector Name: \_\_\_\_\_ On-Site Inspection ☐  
 \_\_\_\_\_ Maclaren, Joe \_\_\_\_\_ 2A Doc Num: \_\_\_\_\_

**Operator Information:**OGCC Operator Number: 46290Name of Operator: KP KAUFFMAN COMPANY INCAddress: 1675 BROADWAY, STE 2800City: DENVER State: CO Zip: 80202**Status Summary:**☒ THIS IS A FOLLOW UP INSPECTION☐ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**4 Number of Comments0 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	
Leonard, Mike		mike.leonard@state.co.us	
Brown, Kari		kari.oakman@state.co.us	
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
Axelson, John		john.axelson@state.co.us	
Graber, Nikki		nikki.graber@state.co.us	
		cogcc@kpk.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
478086	SPILL OR RELEASE	AC	11/03/2020		-	UPRR 43 PAN AM G Consolidation #2	EG

**General Comment:**

Follow-up COGCC (EG) Field Inspection; Flowline pressure testing witnessed. Isolation valve function testing witnessed. The Corrective Actions outlined on COGCC (EG) FIR Doc #690102100 submitted on 9/30/2020 have been completed by the operator.

Photo log and supplemental documentation provided by the operator have been uploaded can be accessed via link(s) at end of report.

**Inspected Facilities**

Facility ID: 478086    Type: SPILL OR    API Number: -    Status: AC    Insp. Status: EG

**COGCC Comments**

Comment	User	Date
<p>As outlined on COGCC Supplemental Form 22 Doc #402517508 dated 10/23/2020 (partial description of text received):</p> <p>The root cause of the near miss was an isolation gate valve not properly sealing, preventing a tight shutoff. The cause of the gate valves inability to not seal is due to debris within the consolidation line which created a barrier between the valve wedge gate and body, which allowed gas to pass though the valve and repressurize the section of flowline that was isolated for necessary repair work.</p> <p>In order to resolve pressurization issues along the isolated section of flowline, KPK performed corrective actions at each gate valve, both upstream and downstream of the gas leak location. Per manufacture specifications (attached), there are no recommended maintenance procedures to prevent what caused the valve malfunction from happening. The valve malfunction was resolved by operating each valve though multiple cycles, raising and lowering the stem, allowing the debris within the valve body to clear out. Multiple pressure tests (attached) were performed on October 14, 2020, to prove out each gate valve and show that proper seals had been reestablished. Prior to corrective actions being completed on the valves and repairs made to the consolidation line, KPK performed routine OGI camera inspections of the isolated section of flowline to verify pressurization had not reoccurred.</p>	maclarej	11/18/2020
<p>Corrective Action Completed;</p> <p>Comply with the following rule prior to returning the UPPR 43 PAN AM G Consolidation off location flowline to service.</p> <p>1103.a. Isolation valve repair and maintenance. (2) Operator must repair or replace isolation valves that are not fully operable.</p> <p>Isolation valves were tested for functionality during post repair flowline pressure testing witnessed on 11/6/2020; (2) isolation valves (Hancock gate valves) tested are deemed operable (open/ closed) and adequately sealed. No pressure loss (gas or fluid) identified through/ across the gate valves during field testing.</p>	maclarej	11/18/2020

Corrective Action Completed;	maclarej	11/18/2020
<p>Provide written description of information requested below to COGCC Eng Integrity Group and update CA section of supplemental form 19 spill report to include information pertaining to compliance of COGCC series 1100 flowline regulations:</p> <p>Post repair flowline pressure testing witnessed on 11/6/2020; Description information received by COGCC Inspector from KPK Fri Nov 13, 3:43 PM (via email):</p> <p>1) KPK determined the root cause of the flowline failure was the weld fusion joint at the flowline transition from HDPE to carbon steel. KPK has abandoned the remaining section of 8-inch carbon steel flowline and installed a new section of 6-inch HDPE flowline.</p> <p>2) KPK abandoned the remaining section of carbon 8-inch steel flowline in the vicinity of the release location. 8-inch caps were welded on each end of the abandoned carbon steel piping. A new trench was cut, approximately 300 ft. in length, and 6-inch HDPE pipe was installed. Butt fusions were made according to manufacture specifications and manufactures field procedure guidance (attached) to join existing sections of HDPE pipe with the new section.</p> <p>3) Flowline pressure testing witnessed on 11/06/2020; Documented by KPK on pressure testing chart (see photo log). (2) Tests recorded minimal pressure deviation (loss&lt;10%) and adequate stabilization and is deemed passing/ satisfactory per COGCC rule 1104.h.</p> <p>4) Carbon steel flowline was abandoned in place by welding caps on each end of the flowline. Work tickets associated with the abandonment of the flowline have been attached.</p>		

**Attached Documents**

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

Document Num	Description	URL
690102172	Photo Log	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5293731">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5293731</a>
690102173	KPK Roustebout Report	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5293732">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5293732</a>
690102174	KPK Service Ticket	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5293733">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5293733</a>
690102175	KPK Field Procedures Doc	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5293734">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5293734</a>
690102176	KPK Materials Doc	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5293735">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5293735</a>