

**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:

09/13/2018

Submitted Date:

09/18/2018

Document Number:

690100782**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:5 Number of Comments4 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
Axelson, John		john.axelson@state.co.us	
LARA-MESA, SUSANA	(303) 825-4822	slaramesa@kpk.com	
Canfield, Chris		chris.canfield@state.co.us	
,		cogcc@kpk.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
457409	TANK BATTERY	AC	09/18/2018		-	Lauridson Tank Battery 457409	EG

General Comment:

Engineering integrity inspection performed on 9/13/18; Joint field inspection with COGCC EPS Chris Canfield (also see ENV Inspection Doc #688500086). Details of the corrective actions identified during this (EG) field inspection are located in the housekeeping and flowline sections of this report. Photo log has been uploaded and can be accessed via link at end of report.

LocationOverall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

Type	WEEDS		
Comment:	Excessive weed growth observed at the following areas: Inside and around tank berms; adjacent to and around unused equipment (separator/ flowline risers); weed growth observed in the bottom of and around the sides of the produced water vault excavation.		
Corrective Action:	Remove and control weeds per 603.f.	Date:	09/28/2018
Type	UNUSED EQUIPMENT		
Comment:	Disconnected and unused horizontal separator located north of the tank battery; Unused combustion device (ECD) and vent stack on ground near separator.		
Corrective Action:	Remove unused equipment per COGCC rule 603.f	Date:	10/18/2018

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities			
Facility ID: <u>457409</u>	Type: <u>TANK</u>	API Number: <u>-</u>	Status: <u>AC</u> Insp. Status: <u>EG</u>
Flowline			
#1	Type:	of Lines	
<u>Flowline Description</u> <div style="display: flex; justify-content: space-between;"> <div>Flowline Type:</div> <div>Size:</div> <div>Material:</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Variance:</div> <div>Age:</div> <div>Contents:</div> </div>			
<u>Integrity Summary</u> <div style="display: flex; justify-content: space-between;"> <div>Failures:</div> <div>Spills:</div> <div>Repairs Made:</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Coatings:</div> <div>H2S:</div> <div>Cathodic Protection:</div> </div>			
<u>Pressure Testing</u> <div style="display: flex; justify-content: space-between;"> <div>Witnessed:</div> <div>Test Result:</div> <div>Charted:</div> </div>			
<u>COGCC Rules(check all that apply)</u> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <input type="checkbox"/> 1101. Installation and Reclamation <input type="checkbox"/> 1102. Operations, Maintenance, and Repair <input checked="" type="checkbox"/> 1103. Abandonment </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <u>Comment:</u> Unused flowline risers (unmarked/ previously tied into equipment) observed north of the existing tank battery and adjacent to the north and east sides of the unused horizontal separator; flowline riser also observed on the southern edge of the PWV excavation (unmarked/ open ended w/ hammer union fitting). These flowline risers appear to be part of more recent operations. See photo log. </div> <div style="margin-top: 10px;"> Corrective Action: Comply with COGCC rule 603.f; 24 hours to lock out/ tag out unused flowline risers; 30 days to remove unused and unmarked flowline risers. </div> <div style="text-align: right; margin-top: 10px;"> Date: <u>10/18/2018</u> </div> </div>			
#2	Type:	of Lines	
<u>Flowline Description</u> <div style="display: flex; justify-content: space-between;"> <div>Flowline Type:</div> <div>Size:</div> <div>Material:</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Variance:</div> <div>Age:</div> <div>Contents:</div> </div>			
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<u>Pressure Testing</u> <div style="display: flex; justify-content: space-between;"> <div>Witnessed:</div> <div>Test Result:</div> <div>Charted:</div> </div>			
<u>COGCC Rules(check all that apply)</u> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <input type="checkbox"/> 1101. Installation and Reclamation <input type="checkbox"/> 1102. Operations, Maintenance, and Repair <input checked="" type="checkbox"/> 1103. Abandonment </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <u>Comment:</u> KP Kauffman personnel excavated and removed a produced water vessel approximately 140' north of the existing tank battery. During this work, numerous flowlines were unearthed, exposed and cut around the north, east and south sides of the excavation. Segments of flowlines were removed. The flowlines are comprised of varying materials (and sizes) and have not been identified, located or marked. The cut ends of the flowlines are open and have not been sealed (plugged or capped); and are not locked or tagged out. The flowlines appear to be associated with historical operations at the facility/ battery servicing the Lauridson 1A & 2A wells. It is unclear if any of the flowlines are currently tied into an active system or potential pressure source. The unmarked and exposed flowline cut ends are considered flowline risers (must comply with COGCC rule 603.f). </div> <div style="margin-top: 10px;"> Corrective Action: Locate and remove unused/ inactive flowlines, or: Comply with COGCC rule 603.f; Mark flowline risers and seal ends; 30 days to remove unused and unmarked flowline risers. Abandon flowlines in place per COGCC rule 1105 (cut ends sealed and risers removed below grade). Note: covering ends with tape is not an acceptable means of sealing; Use of bull plugs, welded caps or pumping of cement (flow-fill) are acceptable means of sealing the ends of flowlines. </div> <div style="text-align: right; margin-top: 10px;"> Date: <u>10/18/2018</u> </div> </div>			

Attached Documents

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

Document Num	Description	URL
690100784	Inspection Photo Log	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4582286