

**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:

03/06/2019

Submitted Date:

03/08/2019

Document Number:

690101088**FIELD INSPECTION FORM**

Loc ID 446484 Inspector Name: Maclaren, Joe On-Site Inspection ☐ 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:**8 Number of Comments2 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
Canfield, Chris		chris.canfield@state.co.us	
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
		cogcc@kpk.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
446608	TANK BATTERY	AC	07/15/2016		-	GRANT	EG

**General Comment:**

COGCC Engineering Integrity Inspection; Integrity testing of produced water vessel witnessed. Crude oil and produced water dump flowline pressure testing witnessed. COGCC Inspector on location with KPK personnel on 2/13-14/2019 and 3/6/2019. Photos uploaded can be accessed via link at end of report.

**Location**Overall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

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

corrective date

Type: Flow Line

#

Comment: Numerous (approximately 10) unused flowline risers observed south of and adjacent to the heated horizontal separator; Unmarked and inactive flowline risers are considered unused equipment. Tags on flowline risers have degraded and need to be replaced.

Corrective Action: Comply with COGCC rule 603.f; 24 hours to lock out/ tag out unused flowline risers; all unused/ inactive flowline risers shall be removed by operator in 30 days.

Date: 04/09/2019

Type: Flow Line

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Comment: COGCC Inspector observed a leak (active liquid release) at the flowline manifold/ header on 2/13/2019. This was communicated to KPK personnel on location. The release was stopped and repairs were completed by KPK field staff on 2/14/19. Note: Inspector also observed stained soils around/ adjacent to the flowline manifold that appear to be a result of past/ historical releases.

Corrective Action: Date: **Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	<50 BBLS	PBV CONCRETE		,
Comment: 30 BBL concrete water vault on east side of location; Access cover needs to be reinstalled (communicated to KPK personnel on location).					
Corrective Action: <input type="text"/>					Date: <input type="text"/>

**Paint**

Condition	<input type="text"/>
Other (Content)	<input type="text"/>
Other (Capacity)	<input type="text"/>
Other (Type)	<input type="text"/>

**Berms**

Type	Capacity		Permeability (Wall)		Permeability (Base)		Maintenance	
Comment:								
Corrective Action:							Date:	
Contents	#	Capacity	Type			Tank ID	SE GPS	
PRODUCED WATER	1	<50 BBLS	PBV FIBERGLASS				40.116669,-104.968508	

Comment:	KP Kauffman performed tank integrity testing per API 653 12.3.2. COGCC Inspector witnessed the produced water fiberglass PBV tank testing. Fluid measurements were taken over an approximate 48 hour period. The fluid level did not drop/ no change recorded over the test period. The test result is deemed satisfactory.	
Corrective Action:		Date:

**Paint**

Condition		
Other (Content)		
Other (Capacity)		
Other (Type)		

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:				
Corrective Action:				Date:

**Venting:**

Yes/No		
Comment:		
Corrective Action:		Date:

**Flaring:**

Type	
Comment:	
Corrective Action:	Date:

## Inspected Facilities

Facility ID: 446608 Type: TANK API Number: - Status: AC Insp. Status: EG

## Flowline

#1	Type: Dump Line	1 of Lines
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## Flowline Description

Flowline Type: Dump Line Size: 2" Material:  
 Variance: Age: 20+ Yrs Contents:

## Integrity Summary

Failures: Spills: Repairs Made:  
 Coatings: H2S: No Cathodic Protection:

## Pressure Testing

Witnessed: Yes Test Result: Fail Charted: Yes

## COGCC Rules(check all that apply)

☐ 1101. Installation and Reclamation ☒ 1102. Operations, Maintenance, and Repair ☐ 1103. Abandonment

Comment: Crude oil dump flowline pressure test failed; test chart showed a continuous drop in pressure. The pressure test did not stabilize.

Corrective Action: Shut in equipment; heated horizontal separator shall remain shut in until the crude oil dump flowline is repaired or replaced. Complete repairs to crude oil dump flowline. Determine root cause of failure and outline measures taken to prevent a reoccurrence. Pressure test crude oil dump flowline prior to returning equipment/ flowline to service. Contact COGCC Inspector with a schedule of repairs and flowline pressure testing (post repair) to be completed; by the corrective action date outlined (4/9/19).

Date: 04/09/2019

#2	Type: Dump Line	1 of Lines
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## Flowline Description

Flowline Type: Dump Line Size: 2" Material:  
 Variance: Age: 20+ Yrs Contents: Produced Water

## Integrity Summary

Failures: Spills: Repairs Made:  
 Coatings: H2S: Cathodic Protection:

## Pressure Testing

Witnessed: Yes Test Result: Pass Charted: Yes

## COGCC Rules(check all that apply)

☐ 1101. Installation and Reclamation ☒ 1102. Operations, Maintenance, and Repair ☐ 1103. Abandonment

Comment: Produced water dump flowline pressure test witnessed; The test recorded minimal pressure deviation (loss<10%) and adequate pressure stabilization. This test is deemed passing/ satisfactory per COGCC rule 1104.

Corrective Action:

Date:

## COGCC Comments

Comment	User	Date
<u>Note: Operator personnel made several attempts to complete satisfactory dump flowline pressure testing between the dates outlined in this FIR. Valve replacements were completed at the crude oil tank and dump line outlets at the heated horizontal separator. Final test results are outlined in the flowline section of this report.</u>	maclarej	03/08/2019

## Attached Documents

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

Document Num	Description	URL
401966416	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4757149">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4757149</a>
690101109	Photo Log	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4757139">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4757139</a>