

**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:

03/08/2017

Submitted Date:

03/13/2017

Document Number:

674603215

FIELD INSPECTION FORM

Loc ID 318501 Inspector Name: Maclaren, Joe On-Site Inspection 2A Doc Num: _____

Status Summary:

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

Operator Information:

OGCC Operator Number: 46290
Name of Operator: K P KAUFFMAN COMPANY INC
Address: 1675 BROADWAY, STE 2800
City: DENVER State: CO Zip: 80202

Findings:

- 4 Number of Comments
- 0 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Canfield, Chris		chris.canfield@state.co.us	
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
Hazard, Ellice		ellice.hazard@state.co.us	
,		cogcc@kpk.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
241422	WELL	PR	03/20/1995	OW	123-09211	ROBERT G BURGE 2	EG

General Comment:

Followup engineering integrity inspection (Flowline) performed on 3/10/2017. The information requested on the initial EG inspection Doc #674602959 conducted on 11/16/2016 has been provided by KPK - details are available in the flowline section of this report. Photo's and documents have been uploaded and can be accessed via link(s) at end of report.

Inspected Facilities			
Facility ID: <u>241422</u>	Type: <u>WELL</u>	API Number: <u>123-09211</u>	Status: <u>PR</u> Insp. Status: <u>EG</u>
Flowline			
#1	Type: <u>Non-Well Site</u>	1 of Lines	
<u>Flowline Description</u>			
Flowline Type: <u>Non-Well Site</u>		Size: <u>3"</u>	Material: <u>Poly</u>
Variance:		Age:	Contents: <u>Multiphase</u>
<u>Integrity Summary</u>			
Failures: <u>Other</u>		Spills:	Repairs Made: <u>Yes</u>
Coatings:		H2S:	Cathodic Protection:
<u>Pressure Testing</u>			
Witnessed: <u>No</u>		Test Result: <u>Pass</u>	Charted: <u>Yes</u>
<u>COGCC Rules (check all that apply)</u>			
<input type="checkbox"/> 1101. Installation and Reclamation		<input checked="" type="checkbox"/> 1102. Operations, Maintenance, and Repair	<input type="checkbox"/> 1103. Abandonment
<u>Comment:</u>		<p>The flowline has been repaired and pressure tested (chart attached). The flowline was bedded (using pea gravel/ in area of repair) and backfilled. Remediation work has been completed. As outlined on supplemental form 19 doc #401213491 submitted to COGCC on 02/21/2017: Flowline failed due to paraffin buildup in the flowline as a result of significant temperature changes. Temperature changes were due to the overlaying irrigation ditch becoming active during colder weather and the high permeability of the surrounding soil. Poly line will be used to make the necessary repairs to the flowline and help reduce the risk of failure due to expansion from paraffin buildup.</p>	
<u>Corrective Action:</u>			
		<u>Date:</u>	

COGCC Comments		
Comment	User	Date
<p>As outlined on initial EG inspection Doc #674602959 performed on 11/16/2016: COGCC Integrity Inspection performed on November 16th, 2016 in response to initial form 19 spill report Doc #401148223 received by the COGCC on 11/11/2016 that states the following: On the evening of November 10, 2016, it was discovered that the consolidated flowline from KPK wells, Robert Berge #1 and Robert Berge #2, failed and released an unknown amount of fluids. The flowline release occurred in close proximity to a small irrigation ditch which was dry. KPK immediately shut-in the associated wells and drained the flowline.</p>	maclarej	03/13/2017
<p>As outlined on initial EG inspection Doc #674602959 performed on 11/16/2016: The location of and root cause of flowline failure is being investigated at the time of this field inspection. Excavation/ remediation work is in progress. Note: Document and retain records of root cause of failure evaluation and preventative measures taken to prevent the problem from reoccurring (on supplemental form 19), description of flowline repairs/ replacement(s) completed and perform flowline pressure testing (forward chart/ data to COGCC Integrity Group) prior to returning flowline to service.</p>	maclarej	03/13/2017

Attached Documents

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

Document Num	Description	URL
674603216	Flowline repaired/ Excavation backfilled & graded	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4096537
674603217	Flowline Pressure Test Chart/ Robert Burge #2	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4096538