

**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:

08/29/2019

Submitted Date:

09/06/2019

Document Number:

690101383

**FIELD INSPECTION FORM**

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

**Operator Information:**

OGCC Operator Number: 47120

Name of Operator: KERR MCGEE OIL &amp; GAS ONSHORE LP

Address: P O BOX 173779

City: DENVER State: CO Zip: 80217-

**Status Summary:**

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

**Findings:**

2 Number of Comments

1 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
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
		COGCCinspections@Anadarko.com	
Canfield, Chris		chris.canfield@state.co.us	
Schneider, Paul		Paul.Schneider@oxy.com	
Hamilton, Greg		Gregory.Hamilton@anadarko.com	
Axelson, John		john.axelson@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
467174	SPILL OR RELEASE	AC	09/03/2019		-	Held 12-1418	EG

**General Comment:**

Engineering Integrity inspection conducted in response to Anadarko spill notification and Initial Form 19 spill report Doc #402160879 received by COGCC on 08/30/2019 that outlines: On August 28, 2019, a failed flowline from the Held 12-1418 well resulted in the release of approximately 10 barrels of condensate and crude oil into an unnamed flowing irrigation ditch. Absorbent booms were deployed to contain the release, and vac trucks were used to recover the impacts.

COGCC Inspector was on site on the following dates: 8/29 & 9/3 and 9/4/2019. Details of Actions Required identified during this field inspection are located in the flowline section of this report. Photo Log uploaded.

## Inspected Facilities

Facility ID: 467174 Type: SPILL OR API Number: - Status: AC Insp. Status: EG

## Flowline

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

Flowline Type: Non-Well Site Size: 2" Material: Carbon Steel  
 Variance: No Age: 20+ Yrs Contents: Multiphase

## Integrity Summary

Failures: External Corrosion Spills: Yes Repairs Made:  
 Coatings: Yes External H2S: No Cathodic Protection: No

## Pressure Testing

Witnessed: Test Result: Charted:

## COGCC Rules(check all that apply)

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

**Comment:** COGCC Eng Integrity Inspector met with Anadarko Sr. Staff HSE Representative Gregory Hamilton on location (3 days). Spill response efforts were in progress (8/29) by Anadarko and contract personnel. Impacted surface waters from the fluid release were observed (irrigation ditch and stock ponds). Booms were observed deployed; free oil being skimmed/ removed from surface waters; sampling of impacted water being completed. Another contract crew was in the process of flushing the Held 12-1418 off location flowline and locating the point where the release occurred. The failure point was identified approximately 473 feet S-SE of the wellhead; under an irrigation ditch (at 40.322555, -104.954327). The overall length of the off location flowline is approximately 970 feet from wellhead S-SE to facility. Crews excavated and exposed the failed flowline (on 9/3); the flowline observed exposed is comprised of 2" OD carbon steel pipe/ material with a yellow colored external coating (yellowjacket pipe material). Impacted soils were observed being removed at the time of excavation (trucked off site). A section of the flowline was cut out and removed from the excavation on 9/4 (approximately 20' in length). No obvious coating damage was observed. The coating was peeled off of the pipe. (1) external corrosion pinhole was found/ identified on the flowline under the coating. The cut ends of the flowline were threaded and bull plugged. Excavation and remediation work remains in progress. Based on conversations with Anadarko personnel, the well will remain shut in (TA/ LOTO) and the flowline scheduled to be removed and replaced in entirety at a future date (end of crop season).

**Corrective Action:** Provide information outlined below in writing (send via email) to COGCC Engineering Integrity Unit for review (pertaining to compliance of COGCC series 1100 flowline regulations):  
 1) Root cause of flowline failure resulting in the release (results of failure analysis completed by operator)  
 2) Description of preventative measures that will be taken to avoid reoccurrence (in accordance with rule 906 d.2)  
 3) Description of work completed/ scheduled to be completed; Schedule of upcoming flowline replacement work to be completed (including pressure testing)  
 4) Provide copy of 2018 and 2019 annual flowline pressure testing charts/ data for HELD 12-1418 (API 123-18653)  
 (in accordance with rule 1104.f. Integrity Management of Off-Location Flowlines and Crude Oil Transfer Lines)  
 5) Add information requested above to the Corrective Actions section of COGCC Supplemental Form 19

Date: 10/09/2019

## Attached Documents

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

Document Num	Description	URL
690101389	Photo Log	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4930959">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4930959</a>