

FORM
INSPRev
X/20State of Colorado
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

11/02/2022

Submitted Date:

11/08/2022

Document Number:

705000031

FIELD INSPECTION FORM

 Loc ID _____ Inspector Name: _____ On-Site Inspection
 _____ Maclaren, Joe _____ 2A Doc Num: _____
Operator Information:
 OGCC Operator Number: 10312
 Name of Operator: PROSPECT ENERGY LLC
 Address: 1036 COUNTRY CLUB ESTATES DR
 City: CASTLE ROCK State: CO Zip: 80108
Status Summary:

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

Findings:

- 5 Number of Comments
- 0 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
Garcey, Cam		graceyservices@msn.com	
Griggs, Mary		griggs.mary@comcast.net	
Giltner, Ward		prospectenergy@icloud.com	
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
Allison, Rick		rick.allison@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
217114	WELL	IJ		ERIW	069-06301	MSSU 19-5	EG
307186	LOCATION	AC			-	MSSU-68N68W 19SENW	EG
482177	Flowline System	AC	05/16/2022		-	Krause Battery Flowline System	EG

General Comment:

COGCC Engineering Integrity Inspection
 Flowline Pressure Testing Witnessed; Flowline Repair/ Return to Service
 Photos Uploaded

Location

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Overall Good:

Spills:

Type	Area	Volume		

In Containment: No

Comment:

Multiple Spills and Releases?

Equipment:

Type				corrective date
Other	# 1			
Comment:	Isolation valve (2" ball valve) installed on the Krauss Battery/ MSSU flowline system approximately 30' west of the Krauss tank battery; valve can access to be installed over/ around valve assembly.			
Corrective Action:				Date: <input type="text"/>

Venting:

Yes/No			
Comment:			
Corrective Action:			Date: <input type="text"/>

Flaring:

Type			
Comment:			
Corrective Action:			Date: <input type="text"/>

Inspected Facilities

Facility ID: 217114 Type: WELL API Number: 069-06301 Status: IJ Insp. Status: EG

Flowline

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

Flowline Type: <u>Non-Well Site</u>	Size: <u>2"</u>	Material: <u>Carbon Steel</u>
Variance: <u>No</u>	Age: <u>20+ Yrs</u>	Contents: <u>Produced Water</u>

Integrity Summary

Failures: <u>External Corrosion</u>	Spills: <u>Yes</u>	Repairs Made: <u>Yes</u>
Coatings: <u>Yes External</u>	H2S: <u>Yes</u>	Cathodic Protection: <u>No</u>

Pressure Testing

Witnessed: <u>Yes</u>	Test Result: <u>Pass</u>	Charted: <u>Yes</u>
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COGCC Rules (check all that apply)

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

Comment: COGCC Integrity Inspector met with Prospect Energy contract personnel (Gracey Services) on location. An external corrosion failure (dime sized hole) was observed on a section of 2" CS pipe cut out from the MSSU 19-5 water injection flowline (OLF). The failed section of flowline pipe has been repaired; approximately 15 linear feet of 2" OD schedule 80 FBE coated line pipe was welded in place in the area of the failure (observed in excavation). External coating damage leading to external pitting corrosion appears to be the root cause of failure. The off location flowline was pressure tested for integrity verification of repairs completed; this test was witnessed as part of this field inspection. The flowline pressure test (hydrotest/ fresh water) was run for 1 hour (after fluid stabilization) and recorded on a data logger (crystal gauge). Starting test pressure of 1311 PSI; ending test pressure recorded at 1308 PSI. The test recorded minimal pressure deviation (loss < 10%) and adequate stabilization and is deemed passing/ satisfactory per COGCC rule 1104.h.(1)

Note: COGCC Inspector observed a second flowline exposed in the excavation; a 2" poly (HDPE) gas flowline was located adjacent to the repaired section of the 2" PW injection flowline. An RMLD (remote methane leak detector) was used to check for gas leaks on both flowlines. No active gas leak was detected/ identified with survey equipment.

Corrective Action: _____ Date: _____

Facility ID: 307186 Type: LOCATION API Number: - Status: AC Insp. Status: EG

Facility ID: 482177 Type: Flowline API Number: - Status: AC Insp. Status: EG

COGCC Comments

Comment	User	Date
As outlined on COGCC form 19 spill report Doc #403207695 received on 10/25/2022: The field superintendent was investigating a hydrocarbon odor near the Krause Tank Battery. Produced water from a flowline between the MSSU 19-5 (API 05-069-06301-00) and the Krause water injection plant was discovered in the open, vacant field used for radio/satellite towers. The release was stopped by closing the valve at the well and at the water plant at the Krause Battery. NG Companies will be removing impacted soil from the spill location.	maclarej	11/08/2022

<p>Note: Add following information to CA section of COGCC supplemental form 19:</p> <ul style="list-style-type: none">- Root cause of flowline failure resulting in this release (1104.k.Integrity Failure Investigation/ operator determination)- Measures taken to prevent a recurrence (1102.d Installation and 1102.I Corrosion Control)- Description of flowline repair/ replacement work completed (1102.j. Repair)- Pressure test flowline(s) prior to return to service; post repair integrity confirmation (completed/ 1102.j.4 and 1102.O)	maclarej	11/08/2022
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Attached Documents

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

Document Num	Description	URL
705000039	Photo Log	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5908717