

**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:
01/04/2017
Submitted Date:
01/06/2017
Document Number:
674603078

FIELD INSPECTION FORM

Loc ID 328514 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: 10311
Name of Operator: SYNERGY RESOURCES CORPORATION
Address: 20203 HIGHWAY 60
City: PLATTEVILLE State: CO Zip: 80651

Findings:

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

Contact Information:

Contact Name	Phone	Email	Comment
Pennington, David		dpennington@syrginfo.com	
Gintautas, Peter		peter.gintautas@state.co.us	
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
Hazard, Ellice		ellice.hazard@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
248284	WELL	PR	11/05/2006	GW	123-16082	STRUCK 1	EG

General Comment:

COGCC Integrity Inspection (flowline) performed on January 4th, 2017 in response to initial form 19 spill report Doc #401174053 received on 12/27/2016 that outlines: Buried bypass line between the separator and the tank froze causing a release. The site was shut-in and locked out. Separator was removed and area immediately below separator was excavated. Site investigation is planned to further delineate. The details of observations made during this field inspection are available in the flowline section of this report. Photo's have been uploaded and can be accessed via link(s) at the end of this report.

Inspected Facilities			
Facility ID: <u>248284</u>	Type: <u>WELL</u>	API Number: <u>123-16082</u>	Status: <u>PR</u> Insp. Status: <u>EG</u>
Flowline			
#1	Type: <u>Process Piping</u>	of Lines	
<u>Flowline Description</u>			
Flowline Type: <u>Process Piping</u>		Size: <u>2"</u>	Material: <u>Carbon Steel</u>
Variance: <u>No</u>		Age: <u>20+ Yrs</u>	Contents: <u>Multiphase</u>
<u>Integrity Summary</u>			
Failures:		Spills: <u>Yes</u>	Repairs Made:
Coatings: <u>No</u>		H2S: <u>No</u>	Cathodic Protection:
<u>Pressure Testing</u>			
Witnessed:		Test Result:	Charted:
<u>COGCC Rules (check all that apply)</u>			
<input type="checkbox"/> 1101. Installation and Reclamation		<input type="checkbox"/> 1102. Operations, Maintenance, and Repair	<input type="checkbox"/> 1103. Abandonment
<u>Comment:</u>		<p>The horizontal separator has been disconnected and placed out of service near the production tank. The area below the separator has been excavated/ the well site flowline (wellhead to separator) and gas supply lines are exposed. Existing buried threaded connections were observed on the well site flowline (collar/ hammer union) near the separator tie in. It is recommended that these be removed/ replaced (with welded pipe) as part of the overall facility repair. The separator bypass line has been removed/ old corroded piping has been placed near meter run and along lease road. The flowlines observed are comprised of uncoated/ carbon steel and repairs are in progress. There were no Synergy or contract employees on site at the time of this field inspection.</p>	
<u>Corrective Action:</u>			
		<u>Date:</u>	

COGCC Comments		
Comment	User	Date
The facility type referenced on the initial form 19 spill report should be listed as "flowline". COGCC recognizes dump lines and process piping as flowlines. Refer to COGCC website and the flowline operator guidance document (rules 1101 & 1102) for more information.	maclarej	01/06/2017
Note: Document and retain records of root cause of failure evaluation, measures taken to prevent the problem from reoccurring and description of all flowline repair(s)/ replacement (s) completed (on supplemental form 19) and perform flowline pressure testing (confirm integrity of repairs, replacements and reconnections completed/ retain testing chart(s) & data) prior to returning flowlines to service. Call COGCC Engineering Integrity Inspector/ Joe MacLaren @ (970)-382-1680 (Cell) with any questions.	maclarej	01/06/2017

Attached Documents

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

Document Num	Description	URL
401179254	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4045587
674603081	Disconnected horizontal separator/ near battery	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4045583
674603082	Excavation/ exposed flowlines	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4045584
674603083	Flowline/ gas supply line in excavation	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4045585

674603084	Old flowline pipe along lease road	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4045586
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