

**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:

05/22/2017

Submitted Date:

05/23/2017

Document Number:

682402122**FIELD INSPECTION FORM**Loc ID 439079 Inspector Name: Binschus, Chris On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**OGCC Operator Number: 10459Name of Operator: EXTRACTION OIL & GAS LLCAddress: 370 17TH STREET SUITE 5300City: 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 Comments1 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Ford, Blake		bford@extractionog.com	
Mah, Steven		steven.mah@state.co.us	
,		COGCCInspections@extracti onog.com	<a href="#">All inspections</a>
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Adamczyk, Megan		megan.adamczyk@state.co.u s	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
439071	WELL	DG	02/19/2017	LO	123-40295	Kennedy 8	RI
439082	WELL	DG	02/19/2017	LO	123-40305	Kennedy 16	RI
439084	WELL	DG	02/18/2017	LO	123-40307	Kennedy 2	RI

**General Comment:**

This is a stormwater inspection in response to COGCC Complaint #200442645 (see complaint section for more details). During the complaint inspection at this location, COGCC staff observed the Operator pumping standing stormwater from the location from a recent precipitation event into their perimeter ditch (BMP) which was then directed to a sediment trap on the southwest perimeter of the location. This activity resulted in sediment laden stormwater, a pollutant, moving through the sediment trap at an accelerated rate that did not allow sediment to drop out prior to being discharged from location. In addition, discharged flows from the sediment trap were eroding the surface owner's property off location west of the sediment trap contributing to additional sediment discharge into Newell Lake.

**Inspected Facilities**Facility ID: 439071 Type: WELL API Number: 123-40295 Status: DG Insp. Status: RIFacility ID: 439082 Type: WELL API Number: 123-40305 Status: DG Insp. Status: RIFacility ID: 439084 Type: WELL API Number: 123-40307 Status: DG Insp. Status: RI**Complaint**Comment: [This inspection is in response to Complaint #200442645 regarding concerns about stormwater BMPs which is also related to Complaint #200441015.](#)

Corrective Action:

Date:

**Reclamation - Storm Water - Pit****Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Sediment Traps	Fail					Inadequate BMP
Silt Fences	Fail					S-Fence is an inadequate BMP

Comment: COGCC staff communicated to the Operator that the activities being conducted to pump standing stormwater from location that was being directed to the southwest sediment trap was in violation of Rule 1002.f and 324A.a. Sediment trap size and design with the S-Fence was an inadequate BMP for pumping stormwater from the location, essentially into Newell Lake, and possibly for larger precipitation events.

Corrective Action: Immediately cease discharging pollutants off location and into Newell Lake. Provide the time when the pumping was stopped and provide the revised method for removal of stormwater from the location. The Operator was notified on May 22, 2017 to stop pumping pollutants off site and causing sediment pollutants into Newell Lake.

Date: 05/24/2017

Pits: ☐ NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
Upon further review, the S-Fence BMP has an Apparent Opening Size with an average potential filtration capability of 250 microns (0.25 millimeters) per the Fact Sheet Specification. Based on the United States Department of Agriculture (USDA) Texture Classification System, the S-Fence BMP may only be capable of filtering medium sand particles. Based on the USDA Natural Resources Conservation Service Web Soil Survey and the Approved 2A (Document #400642204), the location is classified as the 82-Wiley-Colby complex 1 to 3 percent slopes. This complex is described as primarily silt loam which could mean up to 92% of the soil particles may not be filtered with the S-Fence BMP.	binschusc	05/23/2017
Please refer to the attached inspection photos in Document #682402124.	binschusc	05/23/2017

**Attached Documents**

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

Document Num	Description	URL
401291405	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4154264">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4154264</a>
682402124	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4154243">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4154243</a>