

**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:

05/11/2017

Submitted Date:

05/12/2017

Document Number:

682501979**FIELD INSPECTION FORM**Loc ID 449306 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**OGCC Operator Number: 10071Name of Operator: BARRETT CORPORATION\* BILLAddress: 1099 18TH ST STE 2300City: DENVER State: CO Zip: 80202**Status Summary:**

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

**Findings:**9 Number of Comments4 Number of Corrective Actions

- ☒
- Corrective Action Response Requested

**Contact Information:**

Contact Name	Phone	Email	Comment
Arthur, Denise		denise.arthur@state.co.us	
,		COGCC_FIR@billbarrettcorp.com	

**General Comment:**

This is a follow-up stormwater construction inspection. Any corrective actions from previous inspections that have not been addressed are still applicable.

**Location**Overall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

Type

TRASH

Comment: Trash can be found throughout stormwater ditch along perimeter of the location.

Corrective Action: Comply with rule 603.f

Date: 05/22/2017

Overall Good: ☐**Spills:**

Type

Area

Volume

In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

Yes/No

Comment: Corrective Action: Date: **Flaring:**

Type

Comment: Corrective Action: Date: **Location Construction**

Location ID: 449306

CDP: Comment: Corrective Action: Date: **Form 2A COAs:**Comment: Corrective Action: Date: **Wildlife BMPs:**Comment: Corrective Action: Date: **Stormwater:**

Erosion BMPs

Present

Other BMPs

Present

DITCHES	Yes		
<p>Comments: Erosion BMPs: Inspection #682501786 documented ditches along perimeter location have been constructed with a steep grade and/or have not been consolidated, and required operator to "Install or repair BMP(s) in accordance with good engineering practices per Rule 1002.f". FIRR #401258606 submitted by operator stated "Ditches on location cannot be consolidated due to the nature of the native soil and concerns regarding excessive compaction from heavy equipment which would inhibit proper reclamation".</p> <p>Other BMPs: Ditches remain constructed with a steep grade and/or have not been consolidated. See comments for additional notes regarding ditches. Compaction is one method of consolidating soil, if it is determined that a certain method is found to be impractical due to certain factors, other consolidation methods (such as soil retention blankets, tackifier, etc...) should be considered and applied.</p>			
<p>Corrective Action: Corrective action has not been addressed and remains applicable. Original CA and extended date remains in place: Install or repair BMP(s) in accordance with good engineering practices per Rule 1002.f.</p>			<p>Date: 04/11/2017</p>
		Vehicle Tracking	Yes
<p>Comments: Erosion BMPs: Tracking pad has been constructed and in proper functioning condition.</p> <p>Other BMPs:</p>			
Corrective Action:			Date:
RETENTION PONDS	Yes		
<p>Comments: Erosion BMPs: Prior inspection documented two (2) sediment traps along ditches of the location. One on the northwest and one on the northeast corner of the location. Trap on the NE end of the location has been removed, ditch on this portion of the location ends abruptly without any outlet BMP in place to allow for adequate sediment laden free stormwater discharge. See comments for additional notes regarding traps.</p> <p>Other BMPs: FIRR #401258606 states "Sediment traps were enlarged, smaller diameter aggregate placed at inlet and outlet. Outlet equipped with some type of filter media (straw wattle or haybale)". Only one sediment trap exists for the entire site; Per on-site conversations between BBC and COGCC staff 4/6/2017, sediment trap on location was determined to not have been constructed with good engineering practices. No improvements have been made since these discussions; trap has not been enlarged w/ filter media</p>			
<p>Corrective Action: Install or repair BMP(s) in accordance with good engineering practices per Rule 1002.f.</p>			<p>Date: 04/11/2017</p>
SLOPE ROUGHENING	Yes		
<p>Comments: Erosion BMPs: FIRR #401258606 from operator states "The slopes on the eastern perimeter have been retracked". On the ground inspection determined that the slopes on the eastern perimeter of the location have not been retracked as stated in the FIRR.</p> <p>Other BMPs:</p>			
<p>Corrective Action: Corrective action has not been addressed and remains applicable. Original CA and extended date remains in place: Install or repair BMP(s) in accordance with good engineering practices per Rule 1002.f.</p>			<p>Date: 04/11/2017</p>

**Comment:**

**Corrective Action:**

**Date:**

**On Site Inspection (305):**

Surface Owner Contact Information:

Name: _____	Address: _____
Phone Number: _____	Cell Phone: _____
<u>Operator Rep. Contact Information:</u>	
Landman Name: _____	Phone Number: _____
Date Onsite Request Received: _____	Date of Rule 306 Consultation: _____
Request LGD Attendance: _____	
<u>LGD Contact Information:</u>	
Name: _____	Phone Number: _____
Agreed to Attend: _____	
<u>Summary of Landowner Issues:</u>	
<u>Summary of Operator Response to Landowner Issues:</u>	
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>	

**COGCC Comments**

Comment	User	Date
What appears to be saw dust has blown from the location and begun inundating the ditch on the south end of the location. Advise removing material before BMP is no longer in proper functioning condition.	trujilloam	05/12/2017
Note: Ditches constructed around the perimeter of the location have a "side wall" that was built vertically in areas. It is advised that ditches be constructed with a more gradual slope and rounded or parabolic bottom. As an example, CDOT recommends a slope of 2:1 when constructing ditches.	trujilloam	05/12/2017
Note: FIRR #401258606 in response to sediment traps state that straw wattle or hay bales would be used as a filter media. Hay bales / wattles are barriers that pond run off and do not filter stormwater. Hay bales / wattles would not allow for adequate stormwater discharge from a sediment trap.	trujilloam	05/12/2017

**Attached Documents**

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

Document Num	Description	URL
682501980	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4146491">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4146491</a>