



On 6/28/2023, Reclamation Specialist Trujillo inspected Caerus Piceance LLC's BJU/B26-496 location in Garfield County, Colorado.

Ongoing frac and workover operations were observed during this inspection.

This inspection is a follow-up to Inspection Nos. #696203134, #696203716, #696203783, #696203898, and #696203991 to document compliance with the following corrective actions:

- Stormwater
- Protection of topsoil
- Material spill/spill prevention

It was observed in this inspection that the Location remains out of compliance with COGCC Rules and Corrective actions

The following new compliance issues were observed during this inspection:

- Requirement to post location assessment
- Good Housekeeping
- Signage/labeling
- Spills
- Permitting requirements- cuttings trench.

Refer to the "Location" and "Reclamation" sections of this inspection report for additional details.

Refer to the photo-documentation of the observed compliance issues attached to this report.

Any corrective action(s) from previous inspections that have not been addressed are still applicable.

A follow up inspection on this site will be conducted to ensure the compliance issues have been corrected to comply with COGCC rules.

**Location**

Overall Good:

<b>Signs/Marker:</b>			
Type	OTHER		
Comment:	Location entrance		
Corrective Action:		Date:	
Type	BATTERY		
Comment:	Signage not posted at the tank battery facility on the northeast end of the Location.		
Corrective Action:	Comply with Rule 605.e. The "Date of Discovery" is being provided as the corrective action date. Location will remain out of compliance until corrective action is resolved.	Date:	06/28/2023
Type	TANK LABELS/PLACARDS		
Comment:	Two tanks at the tank battery facility on the north east end of the Location missing required labeling.		
Corrective Action:	Comply with Rule 605.h. The "Date of Discovery" is being provided as the corrective action date. Location will remain out of compliance until corrective action is resolved.	Date:	06/28/2023
Type	TANK LABELS/PLACARDS		
Comment:	Required labeling missing from five (5) of the six (6) frac/produced water tanks on the Location.		
Corrective Action:	Comply with Rule 605.h. The "Date of Discovery" is being provided as the corrective action date. Location will remain out of compliance until corrective action is resolved.	Date:	06/28/2023

<b>Emergency Contact Number:</b>			
Comment:	970-285-2615 (Location Entrance)		
Corrective Action:		Date:	

<b>Good Housekeeping:</b>			
Type	TRASH		
Comment:	See "Comment #1" under "COGCC Comments" at the end of this report.		
Corrective Action:	Comply with Rule 606- remove and properly dispose of trash/rubbish/waste material improperly stored on the Location; remove and properly dispose of potentially impacted trash/rubbish/waste material improperly buried and placed within the Cuttings Trench.  The "Date of Discovery" is being provided as the corrective action date. Location will remain out of compliance until corrective action is resolved.	Date:	06/28/2023

Overall Good:

<b>Spills:</b>			
Type	Area	Volume	
Comment:	It was observed in this inspection that cuttings materials appear to have spilled over and beyond the containment berm on the east end of the cuttings trench.  Stained soils were also observed throughout the remaining Location including areas around the well.  Produced water appears to have previously spilled from the produced water/frac tank- stained soils apparent at base of tank.		

Corrective Action: <span style="color: red;">Control spills and clean/remediate stained soils to Table 915-1 standards.</span>  <span style="color: red;">Due to the ammount of spills observed throughout the Location, and the size of the apparent staining observed at the base of the tanks, Operator shall submit a Form 19, Spill/Release report pursuant to Rule 912.b.(1)G</span>  <span style="color: red;">The "Date of Discovery" is being provided as the corrective action date. Location will remain out of compliance until corrective action is resolved.</span>	Date: <u>06/28/2023</u>
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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: 479149      CDP: \_\_\_\_\_

Comment: Previous inspections observed that a copy of the approved Form 2A had been posted within the company trailer during construction and drilling Operations. It was observed in this inspection that the trailer has since been removed; Operator and contractors on site was unable to provide copy of permit; Form 2A and any associated Form 4 information no longer posted on the Location.

Corrective Action: Comply with Rule 406.c. The "Date of Discovery" is being provided as the corrective action date. Location will remain out of compliance until corrective action is resolved.      Date: 06/28/2023

**Form 2A COAs:**

Comment:   
 Corrective Action:       Date: \_\_\_\_\_

**Wildlife BMPs:**

Comment:   
 Corrective Action:       Date: \_\_\_\_\_

**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
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	Material Handling And Spill Prevention	No	
Comments: Erosion BMPs:	<p style="color:red;">Previous inspections observed various materials, including and what appears to be cement, spilled on the surface of the southeast end of the Location. Inspections required Operator to Clean spills and implement/maintain BMPs.</p> <p style="color:red;">It was observed in this inspection that the cement spill appears to have been cleaned, however material spills remain evident on the southeast end of the Location.</p> <p style="color:red;">Corrective action has not been addressed and remains applicable.</p>		
Other BMPs:	<input type="text"/>		
Corrective Action:	Clean/remediate spills to Table 915-1 standards; implement/maintain BMPs per good engineering and spill prevention practices.		Date: 08/03/202 <u>2</u>
BERMS	Material Handling And Spill Prevention		
Comments: Erosion BMPs:	<p style="color:red;">It was observed that the berm constructed along the perimeter of the cuttings trench is not in proper functioning condition. Berm is largely unconsolidated materials and appears to have been mixed with E&amp;P waste in areas; BMPs to contain E&amp;P waste are inadequate</p>		
Other BMPs:	<p style="color:red;">There are areas on the east end of the pit where cutting materials appear to have spilled over the containment berm.</p>		
Corrective Action:	Comply with Rule 1002.f and Rule 902. The "Date of Discovery" is being provided as the corrective action date. Location will remain out of compliance until corrective action is resolved.		Date: 06/28/202 <u>3</u>
	Material Handling And Spill Prevention	No	
Comments: Erosion BMPs:	<p style="color:red;">BMPs to prevent and contain a spill were observed to be missing or insufficient at six (6) 500 bbl frac/produced water tanks on the Location.</p>		
Other BMPs:	<input type="text"/>		
Corrective Action:	Comply with Rule 1002.f and Rule 902. The "Date of Discovery" is being provided as the corrective action date. Location will remain out of compliance until corrective action is resolved.		Date: 06/28/202 <u>3</u>
	Material Handling And Spill Prevention	No	
Comments: Erosion BMPs:	<p style="color:red;">BMPs to prevent and contain a spill were observed to be missing or insufficient at several tote containers/barrels on the Location</p>		
Other BMPs:	<p style="color:red;">Container/bucket also observed containing unknown fluids; container not labeled, is missing wildlife protection BMPs, as well as spill prevention/containment BMPs.</p>		
Corrective Action:	Comply with Rule 1002.f and Rule 902. The "Date of Discovery" is being provided as the corrective action date. Location will remain out of compliance until corrective action is resolved.		Date: 06/28/202 <u>3</u>
	Material Handling And Spill Prevention	No	
Comments: Erosion BMPs:	<p style="color:red;">BMPs to prevent and contain a spill were observed to be missing or insufficient at four (4) porta-john units stored on the Location.</p>		
Other BMPs:	<input type="text"/>		
Corrective Action:	Comply with Rule 1002.f and Rule 902. The "Date of Discovery" is being provided as the corrective action date. Location will remain out of compliance until corrective action is resolved.		Date: 06/28/202 <u>3</u>
<b>Comment:</b>	<input type="text" value="Material handling and spill prevention procedures remain inadequate on the Location."/>		
<b>Corrective Action:</b>	<input type="text"/>		<b>Date:</b> <input type="text"/>

**On Site Inspection (305):**

Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_  
Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

\_\_\_\_\_

Summary of Operator Response to Landowner Issues:

\_\_\_\_\_

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

\_\_\_\_\_

**Inspected Facilities**

Facility ID: 479149 Type: LOCATION API Number: - Status: AC Insp. Status: CI

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

Comment: \_\_\_\_\_

**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_ Pass \_\_\_\_\_

Comment [See "Comment #2" under "COGCC Comments" at the end of this report.](#)

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1003a. Waste and Debris removed? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? \_\_\_\_\_  
 1003c. Compacted areas have been cross ripped? \_\_\_\_\_  
 1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_  
 Cuttings management: \_\_\_\_\_  
 1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? \_\_\_\_\_  
 Production areas have been stabilized? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

RESTORATION AND REVEGETATION

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003e. INTERIM VEGETATION TRANSECT  
 TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_  
 TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_  
 TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_  
 VEGETATIVE COVER \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment

Corrective Action

Date \_\_\_\_\_

Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND \_\_\_\_\_

Reminder: \_\_\_\_\_

Comment:

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed \_\_\_\_\_ Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_ Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ Cropland: perennial forage \_\_\_\_\_

Weeds present \_\_\_\_\_ Subsidence \_\_\_\_\_

1004.d. FINAL VEGETATION TRANSECT  
 TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_  
 TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_  
 TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_  
 VEGETATIVE COVER \_\_\_\_\_

Comment:

Corrective Action:

Date \_\_\_\_\_

Overall Final Reclamation \_\_\_\_\_ Well Release on Active Location  Multi-Well Location

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Comment:

Corrective Action:

Date: \_\_\_\_\_

**Pits:**  NO SURFACE INDICATION OF PIT

Type: \_\_\_\_\_ Lined: \_\_\_\_\_ Pit ID: \_\_\_\_\_ Lat: \_\_\_\_\_ Long: \_\_\_\_\_

Reference Point: \_\_\_\_\_ Other: \_\_\_\_\_ Length: \_\_\_\_\_ Width: \_\_\_\_\_

**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: \_\_\_\_\_

Comment:

Corrective Action

Date: \_\_\_\_\_

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_

Comment:

Corrective Action

Date: \_\_\_\_\_

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

Comment:

Corrective Action

Date: \_\_\_\_\_

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: \_\_\_\_\_ 2+ feet Freeboard: \_\_\_\_\_

Comment:

Date: 06/28/2023

Corrective Action

**COGCC Comments**

Comment	User	Date
<p><b>COMMENT #2- PROTECTION OF SOILS</b></p> <p>Previous inspections observed that topsoil stockpiles have been placed in such a manner that the topsoil stockpiles are functioning as unconsolidated and inadequate stormwater controls; topsoil stockpiles incorporated as part of the sediment traps/ponds, as well as part of the stormwater diversion ditch/berm along the perimeter of the Location. Inspections also observed that the hydromulch applied to the topsoil stockpiles to protect/stabilize the soils was not maintained. Operator was notified that use of topsoil as a stormwater BMP puts the resource at risk of compaction, contamination due to mixing with sediment/subsoil, and at risk for loss due to stormwater discharge displacing the topsoil.</p> <p>It was observed in this inspection Operator has implemented additional BMPs to protect the topsoil stockpiles.</p> <p>-Additional berms used in conjunction with erosion logs implemented to ensure fill material remains separated from topsoil.</p> <p>-Topsoil hydromulched and seeded. It is noted however, that hydromulch is showing signs of degradation. Maintenance advised to ensure soils remain stabilized/protected until long-term stabilization has been achieved.</p> <p>This corrective action is considered "resolved".</p>	trujilloam	07/05/2023
<p><b>COMMENT #1- TRASH</b></p> <p>Pursuant to Rule 606.d, Operators will properly dispose of all trash, rubbish, and other waste materials ("Trash") as nonhazardous/non-E&amp;P solid waste, pursuant to Rule 906.c. All trash will be properly contained until removed. No trash will be burned or buried on Location. At no time will trash be placed/remain on the ground.</p> <p>It was observed in this inspection that Operator is burying/disposing of various trash/rubbish/waste within the Cuttings Trench on the south end of the Location. Any trash/debris intermixed within the cuttings material is now potentially impacted by E&amp;P, Oily waste.</p> <p>The cuttings trench is to be used for dried cuttings only.</p> <p>It was also observed that various trash/rubbish/waste, including unused materials, are being improperly stored throughout the Location, including the current working pad areas, and along the perimeter of the Location (including the perimeter stormwater controls). There are various other trash/rubbish (tarps, bags, etc...) stained with what appears to be oily material stored throughout the Location's surface.</p>	trujilloam	07/05/2023

**Attached Documents**

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

Document Num	Description	URL
696205080	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6171485">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6171485</a>