

**FORM  
INSP**

Rev  
X/20

**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:

02/05/2024

Submitted Date:

02/08/2024

Document Number:

696205598

**FIELD INSPECTION FORM**

Loc ID 335780 Inspector Name: Trujillo, Aaron 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: 10456  
Name of Operator: CAERUS PICEANCE LLC  
Address: 1001 17TH STREET #1600  
City: DENVER State: CO Zip: 80202

**Findings:**

- 8 Number of Comments
- 3 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                         |
|--------------|-------|--|---------------------------------|
| ,            |       | COGCC.inspections@caerus oilandgas.com | <a href="#">All Inspections</a> |

**Inspected Facilities:**

| Facility ID | Type     | Status | Status Date | Well Class | API Num   | Facility Name         | Insp Status |
|-------------|----------|--------|-------------|------------|-----------|-----------------------|-------------|
| 270319      | WELL     | PR     | 03/01/2019  | GW         | 045-09528 | CHEVRON 24D-17D       | RI          |
| 270320      | WELL     | PR     | 03/01/2019  | GW         | 045-09529 | CHEVRON 24B-17D       | RI          |
| 274732      | WELL     | PR     | 03/01/2019  | GW         | 045-13380 | CHEVRON 13D-17D       | RI          |
| 274913      | WELL     | PR     | 03/01/2019  | GW         | 045-13429 | CHEVRON 14A-17D       | RI          |
| 274915      | WELL     | PR     | 03/01/2019  | GW         | 045-13430 | CHEVRON 14D-17D       | RI          |
| 335780      | LOCATION | AC     |             |            | -         | CHEVRON-66S96W 17SESW | RI          |

**General Comment:**

On 2/5/2024, Reclamation Specialist Trujillo inspected Caerus Piceance LLC's [CHEVRON-66S96W/17SESW Location in Garfield County, Colorado](#).

The following compliance issues were observed during this inspection:  
 -Stormwater  
 -Secondary containment liner integrity.

Stormwater and containment integrity corrective actions identified within Inspection Nos. 696204752, 696204788 remain outstanding

Refer to the "Location", "Reclamation" and "Stormwater" 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 inspection that have not been addressed are still applicable.

**Location**

Overall Good:

**Signs/Marker:**

|                    |                      |       |  |
|--------------------|----------------------|-------|--|
| Type               | TANK LABELS/PLACARDS |       |  |
| Comment:           |                      |       |  |
| Corrective Action: |                      | Date: |  |
| Type               | BATTERY              |       |  |
| Comment:           |                      |       |  |
| Corrective Action: |                      | Date: |  |
| Type               | WELLHEAD             |       |  |
| Comment:           |                      |       |  |
| Corrective Action: |                      | Date: |  |

Emergency Contact Number:

Comment:

Corrective Action:

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

Overall Good:

**Spills:**

| Type | Area | Volume |  |  |
|------|------|--------|--|--|
|      |      |        |  |  |

In Containment: No

Comment:

Multiple Spills and Releases?

**Tanks and Berms:**

| Contents           | # | Capacity | Type      | Tank ID | SE GPS |
|--------------------|---|----------|-----------|---------|--------|
| OTHER              | 1 | 300 BBLs | STEEL AST |         | ,      |
| Comment:           |   |          |           |         |        |
| Corrective Action: |   |          |           |         | Date:  |

Paint

|                  |                                 |
|------------------|---------------------------------|
| Condition        |                                 |
| Other (Content)  | Produced water / condensate mix |
| Other (Capacity) |                                 |
| Other (Type)     |                                 |

Berms

| Type  | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
|-------|----------|---------------------|---------------------|-------------|
| Metal |          |                     |                     | Inadequate  |

|                    |   |       |
|--------------------|---|-------|
| Comment:           | <p>Inspection #696204752 observed that the secondary containment at the battery facility was not sufficiently impervious to contain a spill or release; various holes/tears observed throughout the liner.</p> <p>Inspection required Operator to maintain BMP to ensure containment is sufficiently impervious to contain a spill or release by 4/8/2023.</p> <p>Operator submitted Resolution #403504698 stating "CA Completed".</p> <p>It was observed in this inspection the corrective action has not been addressed; various holes/tears remain throughout the liner of the containment measure.</p> <p>This CA remains applicable.</p> |       |
| Corrective Action: | Maintain BMP to ensure containment is sufficiently impervious to contain spill or release.  | Date: |

**Venting:**

|                    |  |       |
|--------------------|--|-------|
| Yes/No             |  |       |
| Comment:           |  |       |
| Corrective Action: |  | Date: |

**Flaring:**

|                    |  |       |
|--------------------|--|-------|
| Type               |  |       |
| Comment:           |  |       |
| Corrective Action: |  | Date: |

**Inspected Facilities**

Facility ID: 270319 Type: WELL API Number: 045-09528 Status: PR Insp. Status: RI

Facility ID: 270320 Type: WELL API Number: 045-09529 Status: PR Insp. Status: RI

Facility ID: 274732 Type: WELL API Number: 045-13380 Status: PR Insp. Status: RI

Facility ID: 274913 Type: WELL API Number: 045-13429 Status: PR Insp. Status: RI

Facility ID: 274915 Type: WELL API Number: 045-13430 Status: PR Insp. Status: RI

Facility ID: 335780 Type: LOCATION API Number: - Status: AC Insp. Status: RI

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

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

Land Use: \_\_\_\_\_

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

**1002 SITE PREPARATION AND STABILIZATION**

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

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

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

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

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

Comment \_\_\_\_\_

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 ? Fail

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? Fail 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: \_\_\_\_\_

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     |                       |               |                          |             |
| <b>Storm Water:</b>   |                                 |                         |                       |               |                          |             |
| Loc Erosion BMPs  | BMP Maintenance                 | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment     |
|   |                                 |                         |                       |               |                          |             |
| Comment: <span style="border: 1px solid black; padding: 2px;">See "COGCC Comments" at the end of this report.</span>                        |                                 |                         |                       |               |                          | Date: _____ |
| Corrective Action: <span style="border: 1px solid black; padding: 2px; color: red;">Install or repair required BMPs per Rule 1002.f.</span> |                                 |                         |                       |               |                          |             |
| <b>Pits:</b> <input type="checkbox"/> NO SURFACE INDICATION OF PIT  |                                 |                         |                       |               |                          |             |

**COGCC Comments**

| Comment  | User       | Date       |
|--|------------|------------|
| <p><b>STORMWATER COMMENT</b></p> <p>Inspection Nos. 696204752 and 696204788 observed that BMPs to minimize erosion, degradation, tracking and sediment transport are missing or insufficient on the Location:</p> <ul style="list-style-type: none"> <li>-Working pad and access road lack stabilization; degradation, tracking and sediment transport apparent.</li> <li>-Stormwater ponding on the east end of the working pad resulted in failure at the berm and erosion degradation and sediment transport to the eastern interim areas of the Location; Location has not been constructed with an engineered outlet to allow for proper stormwater discharge from the Location.</li> <li>-The sediment trap on the west end of the Location has not been installed or maintained in accordance with good engineering practices; BMP has filled with sediment; degradation observed at the outlet; outlet does not appear to have been constructed in accordance with good engineering practices; geotextile lining not observed beneath armoring. Stormwater has "blown out" areas of the sediment trap resulting in runoff onto the working pad area and sediment deposition.</li> </ul> <p>Inspections required Operator to Install or repair required BMPs per Rule 1002.f. by 3/11/2023.</p> <p>Operator submitted Resolution Nos. 403366480, 403366464, 403373612, and 403415913 stating corrective actions have been completed.</p> <p>It was observed in this inspection that the Location remains out of compliance with Rule 1002.f.: BMPs to manage runoff in a manner that minimizes erosion, degradation and sediment transport have not been installed, repaired or maintained per good engineering practices:</p> <ul style="list-style-type: none"> <li>-It appears that, in lieu of installing an engineered outlet to allow for proper stormwater discharge from the Location, Operator has repaired the berm along the east end of the Location. This has resulted in continued stormwater ponding on the Location, as well as the destabilization/degradation of the working pad surface.</li> <li>-BMPs to stabilize the working pad surface, and to minimize tracking and sediment transport have not been maintained in proper functioning condition; degradation to the working pad surface has recurred.</li> <li>-Unable to find evidence of work to repair/maintain the sediment trap on the west end of the Location. BMP remains filled with sediment and not in proper functioning condition. Erosion degradation has persisted at the outlet; armoring remains in disrepair and geotextile lining in conjunction with the rip-rap material, per good engineering practice, not observed</li> </ul> <p>Corrective Action from FIR Nos. 696204752 and 696204788 remain applicable.</p> | trujilloam | 02/08/2024 |

|   |                   |                   |
|---|-------------------|-------------------|
| <p><b>RECLAMATION COMMENT</b></p> <p>Inspection #696204788 documented that stormwater runoff from the pad has resulted in erosion degradation to the interim slopes on the east end of the Location.</p> <p>Inspection required that the areas of erosion/degradation due to runoff from the working pad, onto the interim slopes of the Location, require repairing, stabilization and reclamation as necessary to meet 1003 standards.</p> <p>Operator submitted Resolution #403373612 stating the corrective action has been completed; based on Operator's comments within the FIRR, this did not appear to be correct and the FIRR was "not approved".</p> <p>It was observed in this inspection that the degradation on the slopes of the Location remain apparent. Unable to find evidence that work to repair, stabilize and reclaim the areas degraded due to runoff have been performed.</p> <p>This CA remains applicable.</p> | <p>trujilloam</p> | <p>02/08/2024</p> |
|---|-------------------|-------------------|

**Attached Documents**

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

| Document Num | Description          | URL   |
|--------------|----------------------|---|
| 403681434    | INSPECTION SUBMITTED | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6423175">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6423175</a> |
| 696205599    | Inspection Photos    | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6423167">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6423167</a> |