

**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:

07/11/2022

Submitted Date:

07/15/2022

Document Number:

696203854**FIELD INSPECTION FORM**Loc ID 324350 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**

OGCC Operator Number: 16700

Name of Operator: CHEVRON USA INC

Address: 760 HORIZON DRIVE STE 401

City: GRAND JUNCTION State: CO Zip: 81506

**Status Summary:**

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

**Findings:**

6 Number of Comments

2 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
Arthur, Denise		denise.arthur@state.co.us	
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Arauza, Steven		steven.arauza@state.co.us	
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**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
424210	PIT	AC			-	SR 698-21-01	RI

**General Comment:**

On 07/14/2022, Reclamation Specialist Trujillo conducted a final reclamation and stormwater inspection at Chevron USA Inc's SR 698-21-01 Facility in Garfield County, Colorado.

This is also a follow-up inspection to #696202460 (dated 3/16/2021), to document compliance for the following corrective actions:

- Submit F27 for closure and reclamation of the Pit Facility
- Reclaim facility

The following compliance issues were observed during this inspection:

- Reclamation
- Stormwater

Refer to the "Reclamation", "Stormwater" and "Pit" 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.

Inspected Facilities									
Facility ID:	424210	Type:	PIT	API Number:	-	Status:	AC	Insp. Status:	RI

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**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 ? \_\_\_\_\_

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: \_\_\_\_\_

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

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

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

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% **Fail** 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: [See "Comment #1" for comment regarding final closure and reclamation of the SR 698-21-01 Pit Facility](#)

Corrective Action: \_\_\_\_\_ Date **09/01/2022**

Comply with 1003/1004 Reclamation Rules.

Ensure erosion controls are implemented per good engineering practices to stabilize the seeded soils, and continue to monitor and manage this site until Final Reclamation of the Facility has passed.

Overall Final Reclamation

Fail

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
Seeding	Fail					
Waddles	Fail					

Comment: [See "Comment #2" for comment regarding stormwater management at the SR 698-21-01 Pit Facility](#)

Corrective Action: [Comply with Rule 1002.f; implement and maintain site specific BMPs to control stormwater and minimize erosion, transport of sediment and degradation. Ensure BMPs are installed in accordance with good engineering practices and maintained in a proper functioning condition. Continue to monitor and manage stormwater until site receives a passing Final Reclamation inspection.](#)

Date: 07/30/2022

Pits: ☐ NO SURFACE INDICATION OF PIT

Type: Lined: Pit ID: 424210 Lat: 39.501400 Long: -108.324000

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:

[Previous inspection observed that the Pit has not been closed, has not been re-permitted, and no variance has been submitted or approved for the pit to remain open in its current condition as directed by FIR #690300007. Operator was required to contact EPS and Submit F27 for closure and reclamation of the Cutting Storage Pit.](#)

[Operator emailed Reclamation Specialist on 3/30/2021 providing notice that EPS was contacted.](#)

[F27\(i\) #402676469 for pit closure was submitted 5/4/2021.](#)

[This corrective action has been completed.](#)

[Additionally, Operator submitted F27\(s\) #402973719 dated 4/12/2022 to request final closure of the Remediation Project, as well as a 915.b request; Remediation Project #18356 resolved as of 4/15/2022, and 915.b request was approved.](#)

Corrective Action

Date:

**COGCC Comments**

Comment	User	Date
<p><b>COMMENT #2</b></p> <p>Reclamation plan (no. 402973868) provided per the 915.b request (rem. proj. #18356) did not provide site specific information for stormwater management BMPs to be installed at the reclamation area.</p> <p>Straw wattle erosion logs appear to be the only control implemented to manage stormwater and erosion; erosion logs have not been installed per good engineering practices (trenched and backfilled); Plan indicates the use of mulching and/or surface roughening for site stabilization and erosion protection practices; suggested BMPs not observed, or have not been implemented and maintained per good engineering practices.</p> <p>The entire recamation disturbance area is currently bare and at risk to wind and water erosion; straw wattles alone inadequate to manage runoff, minimize erosion and degradation at the ~9.5 acre reclamation area; erosion/degradation observed.</p>	trujilloam	07/15/2022
<p><b>COMMENT #1</b></p> <p>Reclamation plan (no. 402973868) provided with the 915.b request (rem. proj. #18356) does not provide site specific information for reclamation work to be conducted, such as seeding methods (broadcast vs. drill), seeding rates, specific seed mixture used, etc... but only refers to common practices that could be used. Reclamation plan also states once reclamation activities have been completed, the site will be fenced.</p> <p>Though reclamation work has been conducted (replacement of soils, recontouring/regrading), it does not appear that reclamation, including revegetation activities, has been completed; fencing not observed; unable to find evidence that seeding activities have been performed; desirable plant germination not observed- germination transects were conducted throughout the disturbance, and any seedlings encountered (only one plant observed in eighty, ½ sq. meter quadrats) appear to be annual wheat germinating from the straw wattles. See attached photo documetnation, and transect data sheet.</p> <p>Areas frequently utilized by vehicle equipment for access during reclamation show signs of compaction recurring.</p>	trujilloam	07/15/2022

**Attached Documents**

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

Document Num	Description	URL
403107134	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5804703">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5804703</a>
696203856	Transect Data Sheet	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5804700">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5804700</a>
696203857	Email Notification	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5804701">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5804701</a>
696203858	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5804702">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5804702</a>