

**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:

04/05/2023

Submitted Date:

04/06/2023

Document Number:

702801421

**FIELD INSPECTION FORM**

Loc ID 311599	Inspector Name: O'Malley, Anna	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	<b>Status Summary:</b> <input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED  <b>Findings:</b> 11 Number of Comments 1 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested
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**Operator Information:**  
 OGCC Operator Number: 96850  
 Name of Operator: TEP ROCKY MOUNTAIN LLC  
 Address: 1058 COUNTY ROAD 215  
 City: PARACHUTE State: CO Zip: 81635

**ANY CORRECTIVE ACTION(S) FROM  
PREVIOUS INSPECTIONS THAT HAVE NOT  
BEEN ADDRESSED ARE STILL APPLICABLE**

<b>Contact Information:</b>			
Contact Name	Phone	Email	Comment
, TEP		COGCCInspectionReports@terraep.com	<a href="#">All Inspections</a>

<b>Inspected Facilities:</b>							
Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
137	WELL	PR	09/30/2008	GW	045-15444	WILLIAMS RWF 41-33	RI
138	WELL	PR	09/30/2008	GW	045-15445	WILLIAMS RWF 42-33	RI
139	WELL	PR	09/30/2008	GW	045-15446	WILLIAMS RWF 441-33	RI
210963	WELL	PR	12/22/1993	GW	045-06721	WINCH GV 9-33	RI
211124	WELL	PR	12/22/1995	GW	045-06883	COOK RW 7-33	RI
261717	WELL	PR	03/07/2002	GW	045-07973	FORCE RWF 341-33	RI
261725	WELL	PR	05/18/2002	GW	045-07974	FORCE RWF 342-33	RI
298905	WELL	PR	11/11/2013	GW	045-17468	Williams RWF 312-34	RI
298907	WELL	PR	10/10/2013	GW	045-17470	Williams RWF 311-34	RI
298908	WELL	PR	08/31/2013	OW	045-17471	Williams RWF 12-34	RI
298909	WELL	PR	10/10/2013	GW	045-17472	Williams RMV 78-34	RI
311599	LOCATION	AC			-	Williams RWF 342-33	RI

**General Comment:**

On 4/5/2023, Reclamation Specialist O'Malley conducted an interim reclamation and stormwater inspection at TEP ROCKY MOUNTAIN LLC's Williams/RWF 342-33 Location #311599 in Garfield County, Colorado.

The following compliance issues were observed during this inspection:  
- Stormwater

Refer to the "Reclamation," "Stormwater" and "COGCC Comments" 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: <u>137</u>	Type: <u>WELL</u>	API Number: <u>045-15444</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>138</u>	Type: <u>WELL</u>	API Number: <u>045-15445</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>139</u>	Type: <u>WELL</u>	API Number: <u>045-15446</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>210963</u>	Type: <u>WELL</u>	API Number: <u>045-06721</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>211124</u>	Type: <u>WELL</u>	API Number: <u>045-06883</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>261717</u>	Type: <u>WELL</u>	API Number: <u>045-07973</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>261725</u>	Type: <u>WELL</u>	API Number: <u>045-07974</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>298905</u>	Type: <u>WELL</u>	API Number: <u>045-17468</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>298907</u>	Type: <u>WELL</u>	API Number: <u>045-17470</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>298908</u>	Type: <u>WELL</u>	API Number: <u>045-17471</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>298909</u>	Type: <u>WELL</u>	API Number: <u>045-17472</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>311599</u>	Type: <u>LOCATION</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>RI</u>

**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 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? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Unused or unneeded equipment onsite? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

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

Comment No anchors observed.

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

Date \_\_\_\_\_

1003b. Area no longer in use? Pass 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? In

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 Pass 80% Revegetation In

## 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? P

Comment Areas of the location not needed for production have been reduced and reclaimed. Interim areas appear vegetated with scattered sagebrush, and introduced perennial grasses. No noxious weed concerns observed at the time of this inspection. However, full vegetation assessment, particularly of herbaceous species was not possible due to dormant season. A follow up inspection will be conducted during a future growing season to determine compliance with 1003 requirements.

Corrective Action

Date \_\_\_\_\_

Overall Interim Reclamation In Process**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: <span style="border: 1px solid black; display: inline-block; width: 600px; height: 20px;"></span>	Date <span style="border: 1px solid black; display: inline-block; width: 100px; height: 20px;"></span>
Overall Final Reclamation <span style="border: 1px solid black; display: inline-block; width: 150px; height: 20px;"></span>	Well Release on Active Location <input type="checkbox"/> Multi-Well Location <input type="checkbox"/>

  

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Sediment Traps	Fail					Maintenance required
Ditches						
		Gravel	Fail			
Compaction	Fail					Ruts
		Ditches	Fail			
Drains	Fail					Inlet & Outlet degraded
Gravel	Fail					Ruts
		Compaction	Fail			
Berms						
Other	Fail					Straw bale; not functioning

  

Comment: <span style="border: 1px solid black; display: inline-block; width: 550px; height: 20px; background-color: #e0f0ff;"></span> Corrective Action: <span style="border: 1px solid black; display: inline-block; width: 550px; height: 40px; background-color: #ffe0e0; vertical-align: top; padding: 5px;">           Install or repair required BMPs per Rule 1002.f. Continue to monitor and manage stormwater on the Location. Ongoing stormwater management is required until the site receives a passing final inspection.         </span>	Date: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 20px;"></span> 04/09/2023
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**Pits:**    ☒ NO SURFACE INDICATION OF PIT

<b>COGCC Comments</b>		
Comment	User	Date
<p><b>STORMWATER COMMENTS</b></p> <p>This location is ~800 feet from the Colorado River and 140 feet from an ephemeral drainage.</p> <p>BMPs are not in proper functioning condition and/or do not appear to have been constructed with proper planning or good engineering practices to protect the site during inclement weather conditions:</p> <ul style="list-style-type: none"> <li>- The access road is degraded/eroding; rills are present throughout</li> <li>- Where the road crosses an ephemeral drainage multiple large rills are present on either side and road material (fine sediment and gravel) were observed accumulating within the drainage</li> <li>- The access road ditch is completely filled with sediment, which itself is eroding (rills), it also appears that vehicles have driven in the ditch causing further degradation</li> <li>- Lack of stabilization BMPs on working pad surface, as is evidenced by the presence of ruts</li> <li>- Rill erosion is occurring in multiple areas at the north of the working pad leading into a stormwater drain</li> <li>- Small sediment trap to the north is eroded at the inlet and full of sediment</li> <li>- Drain pipe outlet protections missing/insufficient and causing degradation at the outlet and throughout the slope below</li> <li>- Straw bales are not in proper functioning condition: sediment laden stormwater bypassing bales</li> <li>- Concentrated stormwater flows coming off the pad to the north via a drain pipe are causing degradation to the slope in the form of scouring, rills and gullies and contributing sediment to the degraded road ditch below which leads directly to the river</li> </ul>	omalleya	04/06/2023

  

**Attached Documents**

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

Document Num	Description	URL
403367670	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6074827">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6074827</a>
702801422	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6074820">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6074820</a>