

**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:

04/07/2023

Document Number:

702801423

FIELD INSPECTION FORMLoc ID 323996 Inspector Name: O'Malley, Anna On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**

OGCC Operator Number: 96850

Name of Operator: TEP ROCKY MOUNTAIN LLC

Address: 1058 COUNTY ROAD 215

City: PARACHUTE State: CO Zip: 81635

Status Summary:

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

Findings:

13 Number of Comments

1 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
, TEP		COGCCInspectionReports@terraep.com	All Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
211442	WELL	PR	06/14/1998	GW	045-07202	QUARTER CIRCLE RANCH RMV 104-33	RI
323996	LOCATION	AC			-	QUARTER CIRCLE RANCH-66S94W 33NENE	RI
426327	TANK BATTERY	AC	04/14/2009		-	QUARTER CIRCLE RANCH-66S94W 33NENE	RI

General Comment:

On 4/5/2023, Reclamation Specialist O'Malley conducted an interim reclamation and stormwater inspection at TEP ROCKY MOUNTAIN LLC's QUARTER CIRCLE RANCH-66S94W/33NENE Location #323996 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>211442</u>	Type:	<u>WELL</u>	API Number:	<u>045-07202</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>323996</u>	Type:	<u>LOCATION</u>	API Number:	<u>-</u>	Status:	<u>AC</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>426327</u>	Type:	<u>TANK</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: _____

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 REVEGETATIONCropland

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? F

Comment Refer to the "Location" section for weed control corrective action.

Areas of the location not needed for production have been reduced and reclaimed. Interim areas appear vegetated with sagebrush and sparse introduced perennial grasses. 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: _____

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 <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																		
Ditches	Fail																							
		Rip Rap																						
Gravel	Fail					Ruts																		
		Compaction	Fail			Ruts, Rills																		
Compaction	Fail					Ruts																		
		Ditches	Fail			Sediment filled, eroded																		
Rip Rap	Fail					Riprap lined outlet eroded																		
		Gravel	Fail			Ruts, Rills																		
Other	Fail					Geotextile lined outlet eroded																		
		Culverts																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Comment:</td> <td colspan="5">Refer to the "COGCC Comments" section for "STORMWATER COMMENTS."</td> </tr> <tr> <td>Corrective Action:</td> <td colspan="5">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.</td> </tr> <tr> <td colspan="6">Date: 04/10/2023</td> </tr> </table>							Comment:	Refer to the "COGCC Comments" section for "STORMWATER COMMENTS."					Corrective Action:	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.					Date: 04/10/2023					
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Date: 04/10/2023																								
Pits: <input checked="" type="checkbox"/> NO SURFACE INDICATION OF PIT																								

COGCC Comments

Comment	User	Date
STORMWATER COMMENTS This location is ~100 feet from the Colorado River. BMPs are not in proper functioning condition and/or do not appear to have been constructed with proper planning or good engineering practices to minimize erosion, transport of sediment offsite, and site degradation: - A lack of stabilization BMPs was observed on working pad surface, as is evidenced by the presence of ruts (Photo 3). - The access road is degraded/eroding; rills are present throughout and road material is sloughing off at road edge (Photos 4, 5, 6). - The access road ditch is filled with sediment, which itself is eroding (rills, scouring); ditch protections are missing/insufficient (Photos 4, 5). - The two stormwater BMPs (geotextile and riprap lined ditch outlets) at the northeast of the location, behind the tank battery are degraded, not in proper functioning condition to protect the site and causing onsite and offsite degradation. Multiple large gullies have formed at the BMPs. Degradation in the form of scouring, erosion and sediment transport continues offsite on the slope below, until reaching the river where discharged sediment was observed to be accumulating on the river bank and in the river (Photos 7, 8, 9, 10, 11, 12). - The access road ditch/western location perimeter ditch is causing offsite degradation to the north in the form of scouring, rills and a gully which leads directly into the river (Photos 13, 14). - Erosion degradation (rills) was observed throughout the southeastern portion of the location and migrating offsite (Photo 15).	omalleya	04/07/2023

Attached Documents

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

Document Num	Description	URL
403368017	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6075288
702801425	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6075285