

**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:

10/08/2021

Submitted Date:

10/12/2021

Document Number:

696203195

FIELD INSPECTION FORM

Loc ID 480732 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: 96850
Name of Operator: TEP ROCKY MOUNTAIN LLC
Address: PO BOX 370
City: PARACHUTE State: CO Zip: 81635

Findings:

- 16 Number of Comments
- 6 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
,		COGCCInspectionReports@terraep.com	All Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
480732	LOCATION	AC			-	FEDERAL WMC 24-17	CI

General Comment:

On 10/08/2021, Reclamation Specialist Trujillo conducted a pre-drill, construction and stormwater at TEP's Federal WMC 24-17 location in Garfield County, Colorado.

It was observed in this inspection that construction of the Location has been completed; conductor settings observed being installed.

The following compliance issues were observed during this inspection:
1002.f: Stormwater

Refer to the "Construction", 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 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 addressed.

Location

Lease Road:			
Type	Access		
comment:	Construction activities along the access road currently "in process"; operator observed importing road base material at time of inspection. See "Stormwater" regarding stabilization of salvaged soils along access road.		
Corrective ActionL		Date:	

Overall Good:

Signs/Marker:			
Type	OTHER		
Comment:	Signage for the Location currently at the start of the access road on the east end of the Caerus' GL-67S93W /18SWSE Location. Construction of the Location has been completed; Signage will need to be placed at the Location's entrance to comply with Rule 605.a		
Corrective Action:		Date:	
Type	OTHER		
Comment:	Permit information per Rule 406.c observed attached to Location sign.		
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Overall Good:

Spills:			
Type	Area	Volume	

In Containment: No _____

Comment:

Multiple Spills and Releases?

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:			
Type			
Comment:			
Corrective Action:		Date:	

Location Construction

Location ID: CDP:

Comment:

Corrective Action: Date: _____

Form 2A COAs:

Comment:

Corrective Action: _____ Date: _____

Wildlife BMPs:

Comment: _____

Corrective Action: _____ Date: _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
	No		

Comments: Erosion BMPs: **Operator's Stormwater Management Plan attached to the Form 2A states that the topsoil stockpile will be hydro-seeded/mulched following completion of pad construction; location has been constructed, conductor settings observed being drilled at time of inspection.**

It was observed that control measures to protect and stabilize the topsoil stockpile are missing or insufficient. Hydro-seeding/mulching on slopes not observed per the Stormwater Plan

Other BMPs: _____

Corrective Action: **Comply with Rule 1002.f** Date: 10/19/2021

	No		
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Comments: Erosion BMPs: **Operators Stormwater Management Plan attached to the Form 2A states that the cut and fill slopes will be hydro-seeded/mulched following completion of pad construction; location has been constructed, conductor settings observed being drilled.**

It was observed that control measures to protect and stabilize the cut and fill slopes are missing or insufficient; slopes are currently loose/unconsolidated material. Hydro-seeding/mulching on slopes not observed per the Stormwater Plan

Other BMPs: **Tracking observed on portions of the cutslope; tracking insufficient along entire cut, and has not been implemented in accordance with good engineering practices.**

Corrective Action: **Comply with Rule 1002.f** Date: 10/19/2021

WADDLES	Yes		
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Comments: Erosion BMPs: **Erosion logs observed along perimeter of the topsoil stockpile, Location, and downgrade of access road.**

Other BMPs: _____

Corrective Action: _____ Date: _____

RETENTION PONDS			
Comments: Erosion BMPs:	Operator's Layout Drawing attached to the Form 2A shows 3 sediment traps to be constructed on the northeast/northwest corner, and north end of the Location. It was observed in this inspection that 2 traps have been constructed on the northwest corner of the Location.		
	Unclear if the two sediment traps have been constructed per good engineering practices, and are appropriate in size to manage runoff from the drainage area of the pad and upslope undisturbed areas.		
Other BMPs:			
Corrective Action:	Submit the detailed, stamped engineering plan showing installation specifications (trap dimensions, construction materials used, grade, etc...) showing that the sediment trap control measures have been constructed in accordance with good engineering practices, and are appropriate in size to manage runoff from the Location's disturbance, and the upslope undisturbed drainage area.		Date: 10/19/202 1

DITCHES			
Comments: Erosion BMPs:	Stormwater diversion ditch along perimeter of the Location has not been constructed in accordance with good engineering practices; BMPs improperly constructed with vertical slopes, soils within the control measure are unconsolidated and is a pollutant source. Stormwater ditch observed on the southwest end of the Location has not been constructed with an appropriate outlet.		
Other BMPs:	Velocity checks (rock checks) within ditch have not been constructed in accordance with good engineering practices; rock material utilized in several checks observed to not be an appropriate size.		
Corrective Action:	Comply with Rule 1002.f		Date: 10/19/202 1

	No		
Comments: Erosion BMPs:	Topsoil salvaged during access road construction has been placed parallel along the road corridor.		
	It was observed in this inspection that control measures to protect/stabilize the soils are missing or insufficient.		
Other BMPs:	It was observed in this inspection that control measures to protect/stabilize the disturbed cut/fill slopes of the access road are missing or insufficient.		
Corrective Action:	Comply with Rule 1002.f		Date: 10/19/202 1

Comments: Erosion BMPs:	Operator's stormwater management plan states a rock wall will be constructed on the northeast corner of the pad location to preserve vegetation near this corner; rock wall structure not observed per the plan.		
Other BMPs:			
Corrective Action:			Date:

BERMS			
Comments:	Erosion BMPs:	Berm along the perimeter of the working pad area is unconsolidated material; control measure has not been installed in accordance with good engineering practices.	
	Other BMPs:		
Corrective Action: <u>Comply with Rule 1002.f</u>			Date: 10/19/2021

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Comment: _____

Corrective Action: _____ **Date:** _____

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: 480732 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, RECREATIONAL

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND _____

Comment Reclamation Specialist was able to observed intact, rooted vegetation and topsoil beneath the fill material on the north end of the Location; Operator failed to salvage, segregate and store all topsoil within the Locations' disturbance area during construction.

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTRURBANCE 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 Operator's cuttings management plan states cuttings will be buried in a trench; if it is determined that the materials exceed Table 915-1 concentration levels for EC, SAR or pH, Operator is required to submit a Rule 915.b request and detailed reclamation plan to receive prior approval to bury materials onsite.

Corrective Action Date _____

Overall Interim Reclamation

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: RANGELAND, RECREATIONAL _____

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"/>
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Attached Documents

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

Document Num	Description	URL
402838548	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5552469
696203196	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5552467