

FORM  
INSPRev  
X/20State of Colorado  
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

02/03/2023

Submitted Date:

02/03/2023

Document Number:

696204612

## FIELD INSPECTION FORM

 Loc ID 440705 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: 1058 COUNTY ROAD 215  
 City: PARACHUTE State: CO Zip: 81635
**Findings:**

- 12 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
, TEP		COGCCInspectionReports@terraep.com	
Arthur, Denise		denise.arthur@state.co.us	
Fischer, Alex		alex.fischer@state.co.us	
Heil, John		john.heil@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
415550	WELL	PR	07/24/2015	GW	045-19092	WATSON RANCH B 23A-17-07-95	RI
415572	WELL	PR	09/15/2015	GW	045-19100	WATSON RANCH B 23C-17-07-95	RI
418498	WELL	SI	11/01/2022	GW	045-19719	WATSON RANCH B 24C-17-07-95	RI
418500	WELL	PR	09/09/2015	GW	045-19721	WATSON RANCH B 24A-17-07-95	RI
440702	WELL	PR	06/01/2015	GW	045-22799	WATSON RANCH B 32C-17-07-95	RI
440703	WELL	PR	08/22/2015	GW	045-22800	WATSON RANCH B 33A-17-07-95	RI
440704	WELL	SI	10/01/2021	DSPW	045-22801	WATSON RANCH B 24AWI-17-07-95	RI
440705	LOCATION	AC			-	Watson Ranch B Pad	RI
440706	WELL	PR	06/01/2015	GW	045-22802	WATSON RANCH B 33C-17-07-95	RI
440707	WELL	PR	07/08/2015	GW	045-22803	WATSON RANCH B 32B-17-07-95	RI
440708	WELL	PR	07/15/2015	GW	045-22804	WATSON RANCH B 32D-17-07-95	RI
440709	WELL	PR	06/01/2015	GW	045-22805	WATSON RANCH B 34C-17-07-95	RI
440710	WELL	PR	09/01/2022	GW	045-22806	WATSON RANCH B 33D-17-07-95	RI

440711	WELL	PR	06/01/2015	GW	045-22807	WATSON RANCH B 34A-17-07-95	RI
440712	WELL	PR	07/23/2015	GW	045-22808	WATSON RANCH B 33B-17-07-95	RI

**General Comment:**

On 2/3/2023, Reclamation Specialist Trujillo inspected TEP Rocky Mountain LLC's Watson Ranch B Pad location in Garfield County, Colorado.

The following compliance issues were observed during this inspection:

- Compromised tank resulting in a potential spill
- Labeling (tanks)
- Interim Reclamation

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 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.

**Location**

Overall Good:

<b>Signs/Marker:</b>			
Type	TANK LABELS/PLACARDS		
Comment:	Sign or label not posted or information inaccurate on tanks; it was observed in this inspection that signs/labels on several tanks at the battery facility are missing required information (contents, capacity, Operator information, etc...). See attached photos for additional details.		
Corrective Action:	Install sign to comply with Rule 605.h.	Date:	03/03/2023
Type	OTHER		
Comment:	H2S		
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	

<b>Emergency Contact Number:</b>			
Comment:	970-285-9377/911.  NOTE TO OPERATOR: COGCC attempted to contact TEP via the emergency number, but was unsuccessful in initial attempts; Staff was eventually able to make contact with the Operator after subsequent phone calls.  Ensure Operator can be reached at all times via the emergency contact telephone number.		
Corrective Action:		Date:	

Overall Good:

<b>Spills:</b>			
Type	Area	Volume	
Produced Water	Tank		
Comment:	Leak/potential spill observed at the base of the produced water tank at the battery facility (3rd produced water tank from the west, along the southern string of tanks). COGCC Staff contacted TEP at 11:16 hours via the emergency number to provide notice of the integrity issues and potential spill.		
Corrective Action:	Ensure production facilities, valves, pipes, fittings, and vessels are securely fastened or sealed, and maintained in good mechanical condition. Any Stormwater (Snow, snowmelt, ice, etc...) in contact with E&P Waste due to the potential spill is required to be removed within 48 hours.		Date: 02/05/2023

In Containment: Yes

Comment:

Multiple Spills and Releases?

<b>Fencing/:</b>			
Type	WELLHEAD		
Comment:	Livestock paneling		
Corrective Action:		Date:	

Type	LOCATION		
Comment:	Smooth wire fence		
Corrective Action:		Date:	

**Tanks and Berms:**

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

Paint

Condition					
Other (Content)	Unknown- See "labeling".				
Other (Capacity)					
Other (Type)					

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Comment:	Shared containment with 5, 300 bbl Produced Water tanks, and 2, 300 bbl condensate tanks			
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
CONDENSATE	2	300 BBLs	STEEL AST		,
Comment:					
Corrective Action:					Date:

Paint

Condition					
Other (Content)					
Other (Capacity)					
Other (Type)					

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Comment:	Shared containment with 5, 300 bbl produced water tanks, and 1, 300 bbl unknown tank (see "labeling")			
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	5	300 BBLs	STEEL AST		,
Comment:					
Corrective Action:					Date:

Paint

Condition					
Other (Content)					

Other (Capacity)	
Other (Type)	

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Comment: Shared containment with 2, 300 bbl condensate tanks, and 1, 300 bbl unknown tank (see "labeling")					
Corrective Action:				Date:	

**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type			
Comment:			
Corrective Action:		Date:	

## Inspected Facilities

Facility ID: <u>415550</u>	Type: <u>WELL</u>	API Number: <u>045-19092</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>415572</u>	Type: <u>WELL</u>	API Number: <u>045-19100</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>418498</u>	Type: <u>WELL</u>	API Number: <u>045-19719</u>	Status: <u>SI</u>	Insp. Status: <u>RI</u>
Facility ID: <u>418500</u>	Type: <u>WELL</u>	API Number: <u>045-19721</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>440702</u>	Type: <u>WELL</u>	API Number: <u>045-22799</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>440703</u>	Type: <u>WELL</u>	API Number: <u>045-22800</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>440704</u>	Type: <u>WELL</u>	API Number: <u>045-22801</u>	Status: <u>SI</u>	Insp. Status: <u>RI</u>
Facility ID: <u>440705</u>	Type: <u>LOCATION</u>	API Number: <u>-</u>	Status: <u>AC</u>	Insp. Status: <u>RI</u>
Facility ID: <u>440706</u>	Type: <u>WELL</u>	API Number: <u>045-22802</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>440707</u>	Type: <u>WELL</u>	API Number: <u>045-22803</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>440708</u>	Type: <u>WELL</u>	API Number: <u>045-22804</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>440709</u>	Type: <u>WELL</u>	API Number: <u>045-22805</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>440710</u>	Type: <u>WELL</u>	API Number: <u>045-22806</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>440711</u>	Type: <u>WELL</u>	API Number: <u>045-22807</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>
Facility ID: <u>440712</u>	Type: <u>WELL</u>	API Number: <u>045-22808</u>	Status: <u>PR</u>	Insp. Status: <u>RI</u>

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

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

Land Use: IRRIGATED

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

**1002 SITE PREPARATION AND STABILIZATION**

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

Comment \_\_\_\_\_

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

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

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

It was observed in this inspection that there are areas of the current working pad, between the wells and the tank battery facility, that are not reasonably needed for production operations and require interim reclamation.  
  
 Additionally, reclamation areas that were visible appear to be predominantly Undesirable Plant Species, such as Salsola sp., and Kochia- unclear if areas are progressing towards 1003 standards, and a followup inspection will be conducted to determine compliance with 1003 Rules.

Corrective Action

Comply with Rule 1003.b and conduct interim recalamation on areas of the Location not reasonably needed for production Operations.

Date 04/30/2023

Overall Interim Reclamation Fail

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: IRRIGATED

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

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Comment: Limited visibility stormwater inspection due to winter conditions and snow cover. Ground was frozen at time of inspection, however, BMPs on areas of the working pad that were observable appear to be insufficient to stabilize the Location, as well as to minimize tracking and off-site sediment transport during wet conditions. Maintenance advised. A followup inspection will be conducted to determine compliance with 1002.f rules.

Corrective Action:

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

**Pits:**  NO SURFACE INDICATION OF PIT

**Attached Documents**

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

Document Num	Description	URL
403312229	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6009258">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6009258</a>
696204613	Leak at produced water tank	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6009244">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6009244</a>
696204614	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6009245">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6009245</a>