

**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:

01/09/2023

Submitted Date:

01/17/2023

Document Number:

696105675

FIELD INSPECTION FORM

Loc ID 482780 Inspector Name: Edwardson, Dylan 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: 81490
Name of Operator: ST CROIX OPERATING INC
Address: P O BOX 13799
City: DENVER State: CO Zip: 80201

Findings:

- 5 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
Melnychenko, Paul	(303) 489-9298	stcroixexp@aol.com	
Arthur, Denise		denise.arthur@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
482780	LOCATION	AC			-	Horseshoe 1	RI
483051	WELL	DG	12/12/2022		121-11098	Horseshoe 1	RI

General Comment:

[This is a Final Reclamation and Stormwater Inspection for PA Well API#121-11098.](#)

Inspected Facilities

Facility ID: 482780 Type: LOCATION API Number: - Status: AC Insp. Status: RI

Facility ID: 483051 Type: WELL API Number: 121-11098 Status: DG Insp. Status: RI

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 SEGREGATION Fail

Comment The Operator stated in their Topsoil Protection Plan (Doc #402948673) that a total of 3,148 cubic yards would be salvaged from the location in the disturbance area of 5.83 acres. Based on field observation and desktop review, it appears the Operator only salvaged approximately 4" of topsoil (3148 cubic yards /253945.80 ft^2)*27= 0.33ft or 4.02in; where the topsoil for this area is approximately 12" (Soil Type 70-Valent sand; A and AC horizon) and should have been approximately 9396 cubic yards of topsoil salvaged. Refer to attached inspection photos for additional information.

Corrective Action Operator shall submit results from soil pits and proposed soil sample sites as described in Topsoil sampling map (Doc #402948673; page 6) to determine and evaluate topsoil depths as measured in the field. Additionally, Operator shall provide documentation for the quantity/volume of all topsoil salvaged during the construction phase of this location to ensure compliance with topsoil salvage requirements.

Submittal of this information does not indicate compliance with the topsoil salvage requirement of Rule 1002.b.

Date 01/24/2023

1002c. PROTECTION OF SOILS Fail

Comment During this inspection, it was observed that stored topsoil stockpiles did not have any evidence of protections against wind and water erosion. Topsoil stockpiles around the proposed tank battery location, along the access road, and near the well location were comprised of unconsolidated material and were not properly stabilized; no temporarily stabilizations (e.g. equipment tracking) were observed on stockpiles of soil. Refer to attached inspection photos.

Corrective Action Comply with Rule 1002.c. Corrective action date is the date the location was observed out of compliance.

Date 01/09/2023

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: IRRIGATED _____

Reminder: _____

Comment:

Well plugged In Pit mouse/rat holes, cellars backfilled In

Debris removed _____ No disturbance /Location never built _____

Access Roads Regraded In Contoured In Culverts removed _____

Gravel removed _____

Location and associated production facilities reclaimed In Locations, facilities, roads, recontoured In

Compaction alleviation _____ Dust and erosion control **Fail**

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: During this inspection, it was observed that the well had been P&A and that portions of the location were in the process of being reclaimed (e.g. topsoil being moved back to its relative position) in anticipation of final reclamation. Operator shall comply with the timing requirements to complete final reclamation activities. Operator shall continue to monitor and manage this site until the location meets Rule 1004 standards, including stormwater and weed management. Operator shall submit a Form 4 Final Reclamation Complete notice when the location meets Rule 1004 standards. COGCC may conduct inspections prior to receiving said notice to ensure compliance with Rule 1004.

Corrective Action: Date: _____

Overall Final Reclamation In Process 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: This location does not comply with Rule 1002.f. During this inspection no stormwater or erosion control BMPs were observed around the perimeter of the location, or downslope areas on the eastern portion of the location, or around any stored soil stockpiles. Without any BMPs in place, the topsoil is susceptible to wind and water erosion. Operator needs to install sufficient erosion and stormwater control BMPs in accordance with good engineering practices, immediately.

Corrective Action: Immediately install or repair required BMPs per Rule 1002.f. in accordance with good engineering practices.

The corrective date is not intended to be the date for which the Operator shall complete the corrective actions but rather the corrective date is the date the location was observed out of compliance, as it should be in compliance at all times.

Date: 01/09/2023

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
696105681	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5986589