

FORM
INSPRev
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:

03/03/2023

Submitted Date:

03/09/2023

Document Number:

708200024

FIELD INSPECTION FORM

Loc ID: 482780 Inspector Name: Edwardson, Dylan On-Site Inspection: 2A Doc Num: _____

Operator Information:

OGCC Operator Number: 81490
Name of Operator: ST CROIX OPERATING INC
Address: P O BOX 13799
City: DENVER State: CO Zip: 80201

Status Summary:

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

Findings:

- 6 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	
Dornbos, Ryan	303-915-9074	ryan@petersonenergyoperati ng.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
482780	LOCATION	AC			-	Horseshoe 1	RI
483051	WELL	AP	10/12/2022		121-11098	Horseshoe 1	RI

General Comment:

This is a Follow-up 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: AP 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 This corrective action has not been completed and the location is out of compliance with Rule 1002.b. The operator has provided conflicting information in the FIRR (Doc #403302335) and has explained that 6" of topsoil was removed from a 300'x300' working pad surface for a total of 1,667 cubic yards. However, Staff calculated the actual disturbance area of the location to be approximately 400' x 390', and that approximately 5,801 cubic yards of topsoil should have been salvaged based on the disturbance area of 3.61 acres, as a topsoil depth of 12" (A and AC Horizon) was indicated in the previous inspection (Doc #696105675).

Corrective Action This location should have been in compliance during the construction phase. At this stage, if this location does not restore properly following the first growing season after seeding, the Operator will be required to import new topsoil to ensure that the location reaches uniform vegetation cover in accordance with 1004 Rules.
Note: This corrective action will remain in place to monitor the success of the revegetation.

Date _____

1002c. PROTECTION OF SOILS Fail

Comment Topsoil stockpiles along the access road did not have any evidence of protections against wind and/or water erosion at the time of this inspection. The stockpiles remain unconsolidated and not properly stabilized. 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 03/03/2023

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 _____ 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:	At the time of this inspection, it appears that the topsoil on the drilling pad location has been moved back to it's relative position with evidence of grading and contouring. Operator shall continue to comply with 1004 Rules for final reclamation activities and timing requirements.	
Corrective Action:		Date _____
Overall Final Reclamation	In Process	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

Comment:	See "COGCC Comments" section.	
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

COGCC Comments

Comment	User	Date
<p>Stormwater Comment:</p> <p>Corrective action has not been completed and this location does not comply with Rule 1002.f. During this inspection no stormwater or erosion control BMPs were observed on location. The Operator left a voicemail for Staff on 02/15/2023 explaining that an irrigation line had broken on an adjacent center pivot and that the location experienced flooding/ponding of water. Staff observed during this inspection that it appeared the water had run on and off location, originating from the broken line, and appeared to have crossed through the center portion of the location and discharged off location to the east. Staff acknowledges the broken water line was unrelated to oil and gas activities. The Operator needs to install sufficient erosion and stormwater control BMPs in accordance with good engineering practices, immediately. Refer to attached inspection photos for documentation.</p>	edwardsond	03/09/2023

Attached Documents

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

Document Num	Description	URL
403342511	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6046039
708200025	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6046037