

**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:

02/02/2023

Submitted Date:

02/07/2023

Document Number:

696105712**FIELD INSPECTION FORM**Loc ID 482780 Inspector Name: Edwardson, Dylan On-Site Inspection ☐ 2A Doc Num: **Operator Information:**OGCC Operator Number: 81490Name of Operator: ST CROIX OPERATING INCAddress: P O BOX 13799City: DENVER State: CO Zip: 80201**Status Summary:**

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

Findings:5 Number of Comments3 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 | DG | 12/12/2022 | | 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: | 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

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). Refer to attached inspection photos for documentation.

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.

Corrective action date is being backdated to when the location was first observed out of compliance with Rule 1002.b.

Date **01/09/2023**1002c. PROTECTION OF SOILS Fail

Comment

This corrective action has not been completed and the location is out of compliance with Rule 1002.c. Topsoil stockpiles did not have any evidence of protections against wind and/or water erosion at the time of this inspection. Staff observed that wind erosion was evident near the stockpiles during 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 **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 REVEGETATIONCropland

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: | At the time of this inspection, it does not appear any further reclamation work has been performed since the previous inspection (Doc #696105675) due to snow accumulation in the area. Operator shall comply with 1004 Rules for final reclamation activities and timing requirements. | | | | | Date _____ |
| Corrective Action: | | | | | | |
| 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: | 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 around the perimeter of the location, or downslope areas on the eastern portion of the location, or around any stored soil stockpiles. Operator needs to install sufficient erosion and stormwater control BMPs in accordance with good engineering practices, immediately. Refer to attached inspection photos for documentation. | | | | | Date: 01/09/2023 |
| Corrective Action: | <p>Immediately install or repair required BMPs per Rule 1002.f. in accordance with good engineering practices.</p> <p>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.</p> | | | | | |
| Pits: <input type="checkbox"/> 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 |
|--------------|-------------------|---|
| 696105715 | Inspection Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6012910 |