

Construction and Stormwater Inspection

Date: 05/15/2023

Operator: ST CROIX OPERATING INC - 81490

Location ID: 484105

Inspection Document #: 708200237

Washington County, CO

NWNE Section 7 T3S R51W

Dylan Edwardson
Reclamation Specialist, COGCC



COLORADO

**Oil & Gas Conservation
Commission**

Department of Natural Resources

Inspection Photos
Location Name: Revenant 1
Location ID: 484105



Photo 1. Appears the Operator has resolved the previous corrective action and posted the approved Form 2A on location.

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Photo 2. Facing west from the access/lease road entrance. Advise maintenance on lease road.

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Photo 3. Facing west at topsoil stockpile. Vehicles and equipment were observed to be parked on the topsoil stockpile.

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Photo 4. See comments in Photo 3.

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Photo 5. Ditch on the east side of the location appears to be filled with sediment; advise ditch maintenance in order to handle/control future stormwater events.

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Photos 6 & 7. Photos illustrate apparent offsite sediment transport onto adjacent lands; Left photo shows position (red arrow) where right photo was taken. Stormwater BMPs appear to be inadequate and not installed per good engineering practices. More robust BMPs should be implemented to prevent further degradation to adjacent lands.



5/15/23, 10:23 AM
248° W
COGCC

Photo 8. Facing west at the east end of the topsoil stockpile. Rill erosion evident on the walls of the stockpile. While equipment tracking appears to have been performed previously, additional short term stabilization work will need to be performed to prevent further erosion from occurring.

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Photo 9. Taken from the eastern end of the stockpile. See comments in Photo 8. Circle identifying rill erosion and arrow illustrating sediment deposition.

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Photo 10. See comments in Photos 8 & 9.



Photo 11. Facing west on the southern edge of the location. Photo illustrates rill erosion occurring on areas grubbed, with no apparent stormwater BMPs observed. More robust stormwater BMPs will need to be implemented to control stormwater run-on and run-off, and prevent further site degradation.

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Photo 12. Continued from Photo 11.

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Photo 13. Taken from the southwest corner, facing north. See comments in Photo 11.

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Photo 14. Facing east from the southwest corner; see comments in Photo 11.

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Photos 15 & 16. Taken from the southwestern portion of the location. Photo illustrates that no apparent stormwater BMPs have been implemented to prevent sediment laden stormwater from running onto the location.

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Photos 17 & 18. Left photo illustrates that fuel tank is not placed within secondary containment; and right photo illustrates oil drum was not upright, or in secondary containment, at the time of this inspection. This is not in compliance with Rule 1002.f.(2)B.

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Photo 19. Facing east from the northwest corner of the location. Photo illustrates that stormwater BMPs appear to be inadequate for this location. Grubbed areas have no apparent stormwater/erosion controls to prevent sediment transport.

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Photos 20 & 21. See comments in Photo 19.

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Photo 22. Sediment trap placed on the northeast corner of the location appears to be properly functioning.

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Photo 23. Taken from the eastern portion of the location, near the entrance. Berm material does not appear to be properly stabilized with evidence of sediment deposition.