

Construction and Stormwater Inspection

Date: 09/18/2023

Operator: BISON IV OPERATING LLC - 10670

Location ID: 455365

Inspection Document #: 708200560

Weld County, CO

NENW Section 29 T8N R60W

Dylan Edwardson
Reclamation Specialist, ECMC



COLORADO
Energy & Carbon Management
Commission
Department of Natural Resources

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 1. Taken from the western portion of the location. Portions of the production areas do not appear to be properly stabilized with evidence of bare and exposed soils. Additionally, undesirable vegetation (e.g. kochia and russian thistle) was observed throughout and will need to be properly managed for.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 2. Taken from the western portion of the location; see comments in Photo 1.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 3. Taken from the northern portion of the location; see comments in Photo 1.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 4. Taken from the northern portion of the location near the topsoil stockpile; see comments in Photo 1.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 5. Taken from the northwestern portion of the topsoil stockpile. Photo illustrates that stormwater control measures (e.g. filtrex) are beginning to degrade and fill with sediment.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 6. Taken from the northern portion of the topsoil stockpile. The topsoil is predominantly undesirable vegetation (e.g. kochia and russian thistle). Management of the undesirable vegetation should be implemented immediately as this is not in compliance with Rule 1002.c.

Inspection Photos
Location Name: Shoveler Pad
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Photo 7. Continued from Photo 6. Close up photo of undesirable vegetation on topsoil stockpile.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 8. Taken east of the topsoil stockpile. The former interim areas were re-disturbed as part of additional drilling and pad expansion activities; it does not appear this area was needed for additional drilling operations. The disturbance area now consists of a uniform vegetative cover of undesirable species (e.g. kochia and russian thistle) that requires management.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 9. Taken from the southeast side of the topsoil stockpile. See comments in Photo 8.

Inspection Photos
Location Name: Shoveler Pad
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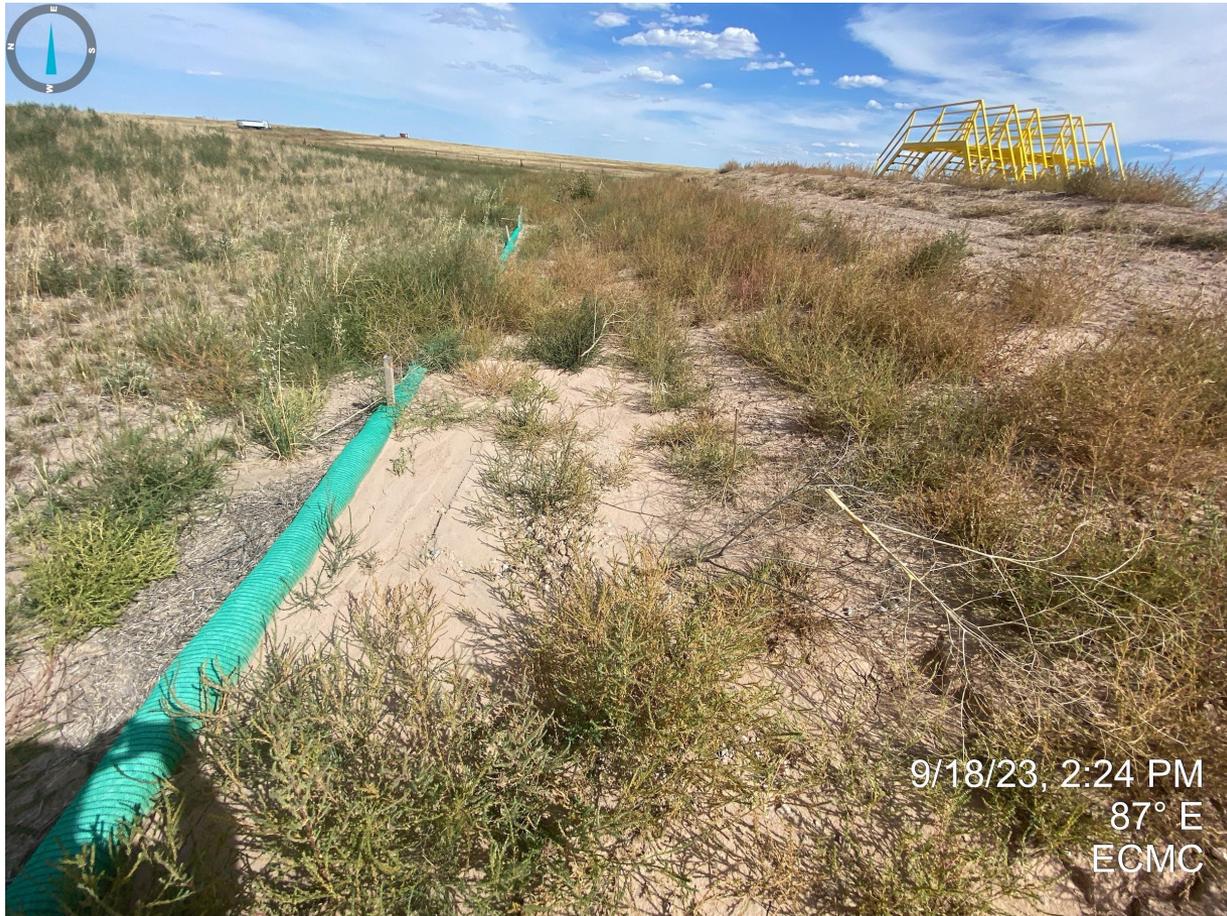


Photo 10. Taken south of the topsoil stockpile. Erosion degradation observed coming off of the production pad. Stormwater control measures (e.g. filtrexx) are beginning to fill with sediment and require maintenance.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 11. Continued from Photo 10; erosion degradation (e.g. gully) pictured.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 12. Taken from the eastern side of the production pad. Erosion degradation (e.g. gullying) and trash pictured.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 13. Continued from Photo 12.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 14. Taken from the eastern side of the production pad. Erosion degradation and undesirable vegetation observed.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



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259° W
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Photo 15. Taken from the eastern side of the production pad. Erosion degradation and undesirable vegetation observed.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 16. Taken from the eastern side of the production pad. Trash observed.

Inspection Photos
Location Name: Shoveler Pad
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Photo 17. Trash observed on the eastern side of the production area.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 18. Trash observed on the eastern side of the production area.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 19. Taken from the eastern side of the production area. Stormwater control measures require maintenance to be properly functioning.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 20. Trash observed on the southeast corner of the production area.

Inspection Photos
Location Name: Shoveler Pad
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Photo 21. Taken near the southeast corner of the location; see comments in Photo 8.

Inspection Photos
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Location ID: 455365



Photo 22. Trash observed on the southern portion of the production areas.

Inspection Photos
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Photo 23. Trash observed on the southern portion of the production areas.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 24. Trash observed on the southern portion of the production areas.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 25. Trash observed on the southern fence of the location.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 26. Taken from the center/southern portion of the location. Stormwater control measures do not appear to be properly stabilized with evidence of bare and exposed soils.

Inspection Photos
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Location ID: 455365



Photo 29. Trash observed on the southern portion of the location.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 28. Taken from the southwest corner of the sediment detention area; see comments in Photo 26.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 29. See comments in Photo 28.

Inspection Photos
Location Name: Shoveler Pad
Location ID: 455365



Photo 30. Taken from the northwestern corner of the sediment detention area. See comments in Photo 26.

Inspection Photos
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Location ID: 455365



Photo 31. Trash observed on the southwestern portion of the production area.