

Construction and Stormwater Inspection

Date: 09/18/2023

Operator: MDS ENERGY DEVELOPMENT - 10814

Location ID: 471039

Inspection Document #: 708200568

Weld County, CO

SWSE Section 10 T7N R59W

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Reclamation Specialist, ECMC



COLORADO

**Energy & Carbon Management
Commission**

Department of Natural Resources

Inspection Photos
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Photo 1. Taken near the location entrance. Photo illustrates trash and unstabilized soils (e.g. not consolidated) on the slopes of the location.

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Photo 2. Taken on the south side of the location. Trash and undesirable vegetation observed outside of the active drilling operations.

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Photo 3. Taken from the southeast corner of the location. Trash/debris and the presence of undesirable vegetation (e.g. russian thistle and kochia) was observed throughout the location.

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Photo 4. Taken near the east side of the location. Unstabilized soils were observed in the vicinity of midstream pipeline. The bare/exposed soils will need to be properly stabilized both temporarily (before interim reclamation activities) and also for long term stabilization to prevent wind and water erosion degradation.

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Photo 5. Taken on the east side of the location. Undesirable vegetation observed to be growing throughout the location.

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Photo 6 & 7. Taken from the east side of the location. It appears a new access road has been created in connection with midstream operations. This access road portion on the location shall be properly reclaimed in accordance with 1000 series rules.

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Photo 8. Taken from the east side of the location. Photo illustrates that areas not needed for active drilling do not comply with Rule 1002.c. with evidence of undesirable vegetation (e.g. russian thistle and kochia).

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Photo 9. Taken near the northeast side of the location. Photo illustrates that areas not needed for active drilling do not comply with Rule 1002.c. with evidence of undesirable vegetation (e.g. russian thistle and kochia).

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Photo 10. Taken from the northeast corner of the location. Photo illustrates that the Operator has installed raptor perch deterrents on fence post, in compliance with Wildlife BMP/COA in the approved Form 2A. Maintenance is advised on these devices to ensure they are in proper working order.



Photo 11. Taken from the east side of the topsoil stockpile. Photo illustrates that the stockpile is not in compliance with Rule 1002.c as undesirable weedy vegetation (e.g. russian thistle and kochia) was observed to be growing throughout. Additionally, straw mulch was several inches thick in areas and is possibly preventing germination of desirable vegetation.

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Photo 12. Facing west from the center portion of the topsoil stockpile. See comments in Photo 11.

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Photo 13. Taken from the western portion of the topsoil stockpile. Photo illustrates that the topsoil stockpile is not properly stabilized with evidence of bare/exposed soils.



Photo 14. Taken west of the topsoil stockpile. Photo illustrates that the topsoil is not properly stabilized (e.g. exposed soils) and there are no apparent stormwater control measures/BMPs observed to prevent topsoil from erosion degradation and exiting off into the sediment trap (outside of frame to the left in photo).



Photo 15. Facing towards the northwest corner of the location. Previous inspections documented that the sediment trap pictured here appeared to be inadequate in size to control stormwater from a location of this size. Previous corrective actions required the Operator to repair/install adequate stormwater control measures; nothing appears to have been completed as of this inspection.

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Photo 16. Taken from the northwest corner of the location; see comments in Photo 15.

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Photo 17. Taken from the northwest corner of the location. Raptor perch deterrents require maintenance.

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Photo 18. Taken near the northwest corner of the production areas. Stormwater control measures are partially buried and do not appear to be in properly functioning; no perimeter berm or other control measures observed right of the culvert (red circle).

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Photo 19. Taken from the west side of the location. Photo illustrates that areas not needed for active drilling do not comply with Rule 1002.c. with evidence of undesirable vegetation (e.g. russian thistle and kochia).

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Photo 20. Taken from the west side of the location. Photo illustrates that areas not needed for active drilling do not comply with Rule 1002.c. with evidence of undesirable vegetation (e.g. russian thistle and kochia) and bare/exposed soils.

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Photo 21. Taken from the west side of the location. Photo illustrates that areas not needed for active drilling do not comply with Rule 1002.c. with evidence of undesirable vegetation (e.g. russian thistle and kochia).

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Photo 22. Taken from the west side of the location. Photo illustrates that areas not needed for active drilling do not comply with Rule 1002.c. with evidence of undesirable vegetation (e.g. russian thistle and kochia).

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9/18/23, 1:08 PM
40° NE
ECMC

Photo 23. Taken near the entrance to the location. Photo illustrates trash and a cattle guard that requires maintenance as sediment is beginning to fill in.