

Interim Reclamation and Stormwater Inspection

Date: 02/03/2025

Operator: WESTERN OPERATING COMPANY - 95620

Location ID: 312291

Inspection Document #: 718700030

Logan County, CO



COLORADO
Energy & Carbon Management
Commission
Department of Natural Resources



Photo 1. Taken from the north side of the stockpiled soils. No perimeter stormwater control measures/BMPs, or impermeable liners underneath the stockpile were observed. Impacted soils appear to have been placed directly on top of undisturbed lands. Additionally, it does not appear that topsoil has been salvaged Per Rule 1002.b prior to stockpiling the soil on undisturbed portions of land. Undesirable vegetation observed throughout stockpiled areas.



Photo 2. Continued from Photo 1; evidence of unstabilized soils (rill erosion) and sediment migration outside of the fenced portions. Undesirable vegetation (russian thistle) also observed.



Photo 3. Continued from Photo 2; facing northeast. Evidence of unstabilized soils (rill erosion) and sediment migration outside of the fenced portions. Undesirable vegetation (russian thistle) also observed.



Photo 4. Sediment deposition resulting from unstabilized stockpiles, southwest corner of the pit.



Photo 5. Evidence of erosion degradation and sediment migration from the unstabilized stockpiles. Also pictured, russian thistle/tumbleweed debris. South side of stockpiles.



Photo 6. Taken from the southeast corner of the stockpiled material; see comments in Photo 1.



Photo 7. Taken southeast of the excavated area and stockpiled material; no apparent perimeter stormwater control measures and sediment deposition observed. Tumbleweed debris also pictured.

Inspection Photos
Location Name: Propst 1
Location ID: 312291



Photo 8. Continued from Photo 7, facing northwest.



Photo 9. Sediment deposition resulting from unstabilized soils, southeast corner of the pit. No apparent stormwater controls measures/BMPs observed.



Photo 10. New stormwater erosion degradation observed east of the pit. Stormwater control measures remain inadequate.



Photo 11. Continued from Photo 10. New stormwater erosion degradation observed east of the pit. Stormwater control measures remain inadequate.

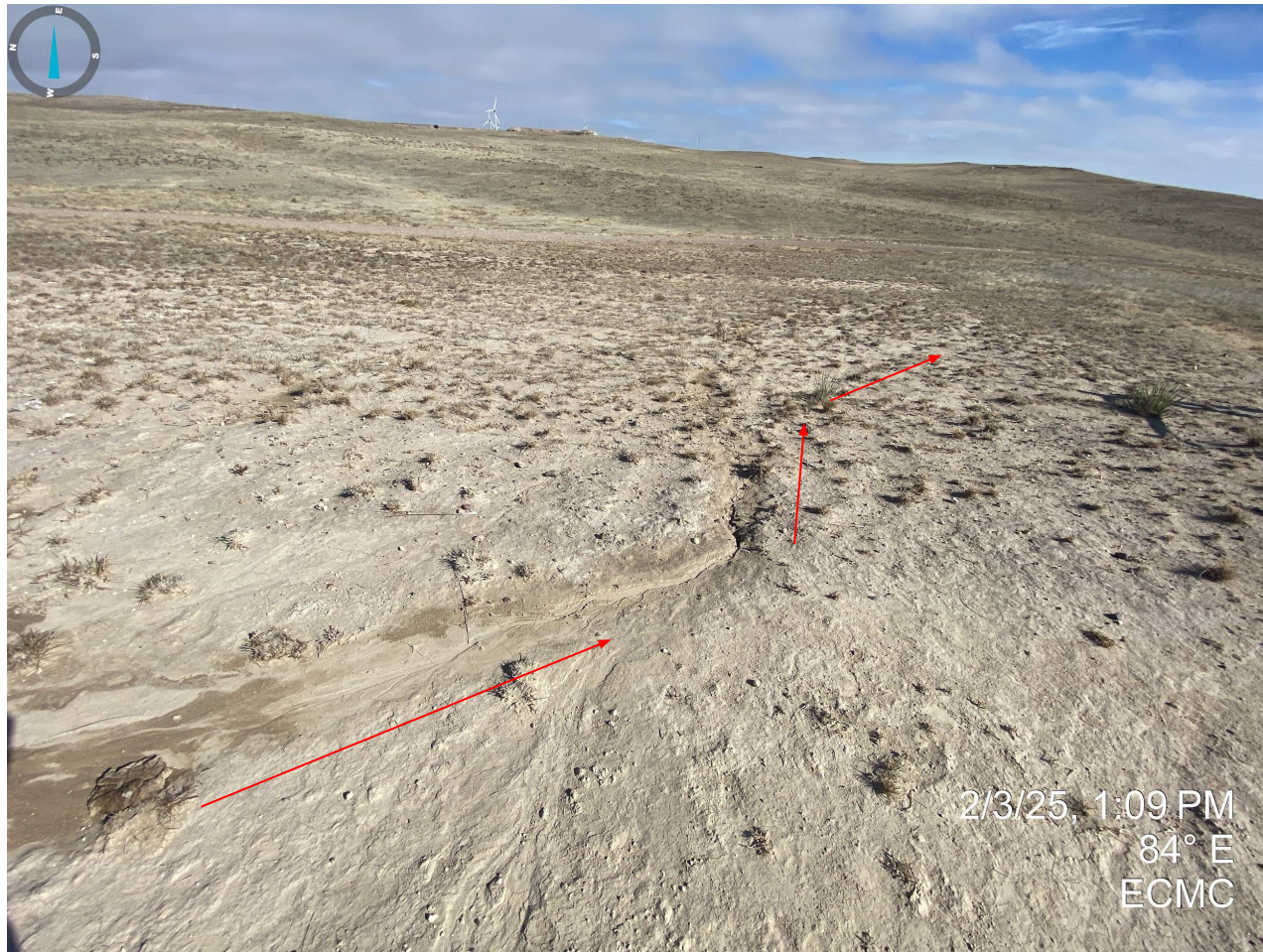


Photo 12. Continue from Photo 11, facing east. New stormwater erosion degradation observed east of the pit. Stormwater control measures remain inadequate.

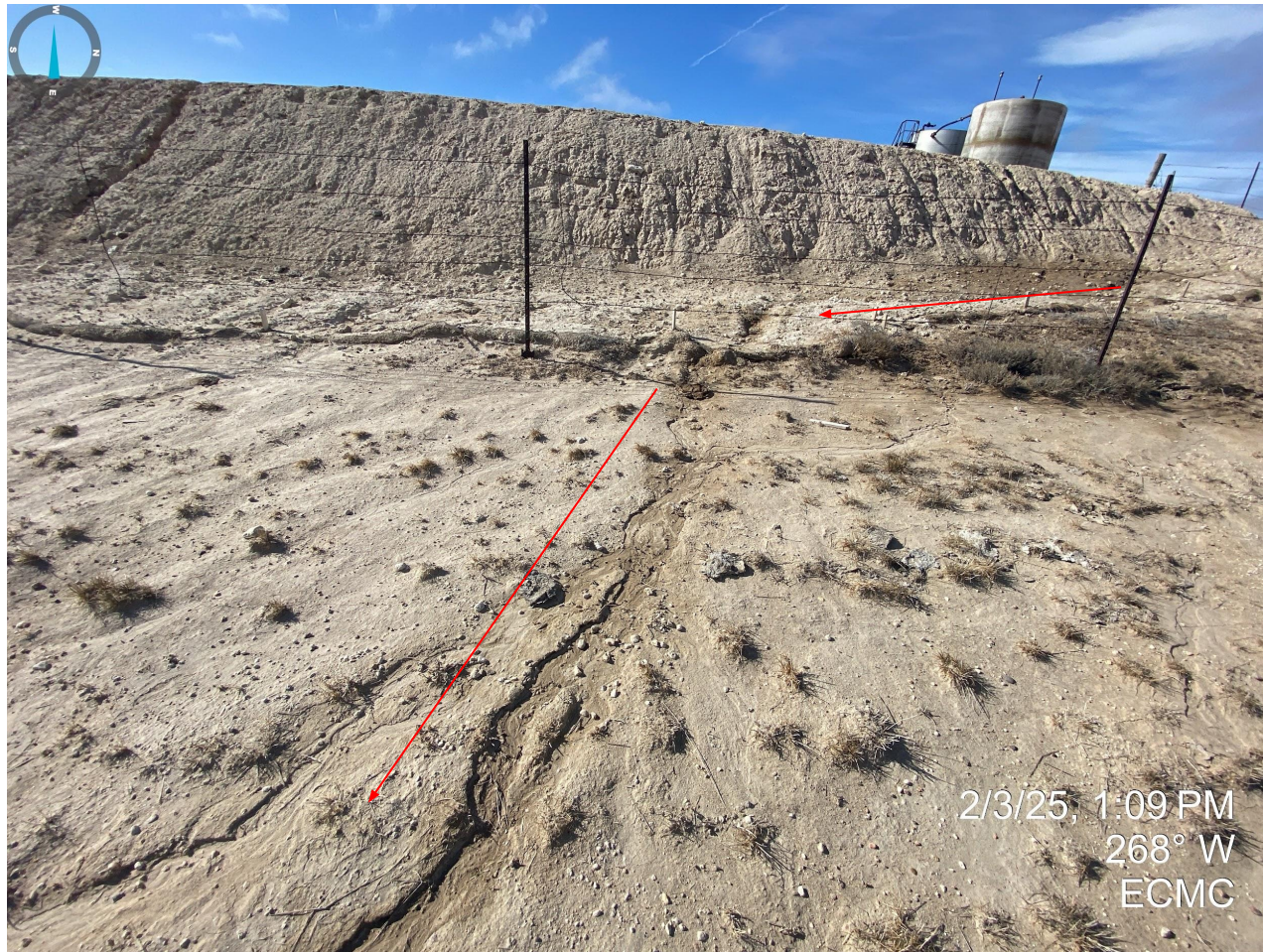


Photo 13. Near the northeast corner of the pit. New stormwater erosion degradation observed east of the pit. Stormwater control measures remain inadequate.



Photo 14. Erosion degradation occurring on the northern/eastern portion of the production areas, near the pit. Stormwater control measures appear to be degraded/damaged and not properly functioning with erosion degradation evidence.

Inspection Photos
Location Name: Propst 1
Location ID: 312291



Photo 15. Continued from Photo 14, facing southwest.



Photo 16. Northern/eastern portion of the production areas, near the pit. Stormwater control measures do not appear to be installed per good engineering practices.



Photo 17. Taken north of pit. Evidence of erosion degradation, previously documented, does not appear to have been repaired/stabilized with no evidence of control measures/BMPs observed that would prevent further erosion of the production areas and access roads.

Inspection Photos
Location Name: Propst 1
Location ID: 312291



Photo 18. Continued from Photo 17, facing northwest.



Photo 19. It appears that erosion degradation along the north side of the access road has been repaired. See proceeding photo for additional information.



Photo 20. Continued from Photo 19. While some work appears to have been completed to repair erosion degradation along the northern portion of the access road, there is still evidence of erosion degradation that requires maintenance.