

Interim Reclamation and Stormwater Inspection

Date: 08/24/2022

Operator: WESTERN OPERATING COMPANY - 95620

Location ID: 312292

Inspection Document #: 696105387

Logan County, CO

NESE Section 27 T11N R53W

Dylan Edwardson
Reclamation Specialist, COGCC



COLORADO
Oil & Gas Conservation
Commission

Department of Natural Resources

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Photo 1. Location photo taken near access road gate/entrance, facing southwest. Photo illustrates vehicle tracking off location.

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Photo 2. Location photo taken from southeast portion, facing southeast. Red outline illustrates salt kill impact and absence of vegetation cover or temporary stormwater BMPs within affected area.

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Photo 3. See comments in photo 2.

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Photo 4. Location photo taking from southeast portion, facing north. Photo illustrates starting point of runoff source, from photo 3, outlined in red.

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Photo 5. Location photo taken from eastern portion, facing west. Photo illustrates revegetation attempts within affected area.

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Photo 6. Location photo taken from southeastern portion, facing southwest. Photo illustrates slope is in process of revegetating and temporarily stabilized. Red outline illustrates missing straw wattle.

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Photo 7. See comments in photo 6.

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Photo 8. See comments in photo 6.

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Photo 9. Photo taken southeast of location within salt kill area, facing northwest. Photo illustrates straw wattle was not properly installed and displaced within affected area; this is now considered debris and needs to be disposed of accordingly.

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Photo 10. Photo taken adjacent to salt kill area and southeast of location, facing north. Photo illustrates reference area not impact by salt kill, outlined in red.

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Photo 11. See comments in photo 10.

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Photo 12. Photo taken east of pit and south of location, facing northwest. Photo illustrates straw wattles buried with sediment and are in need of maintenance/replacement to properly capture sediment laden stormwater from exiting location; pit walls show evidence of rill erosion. Both outlined in red.

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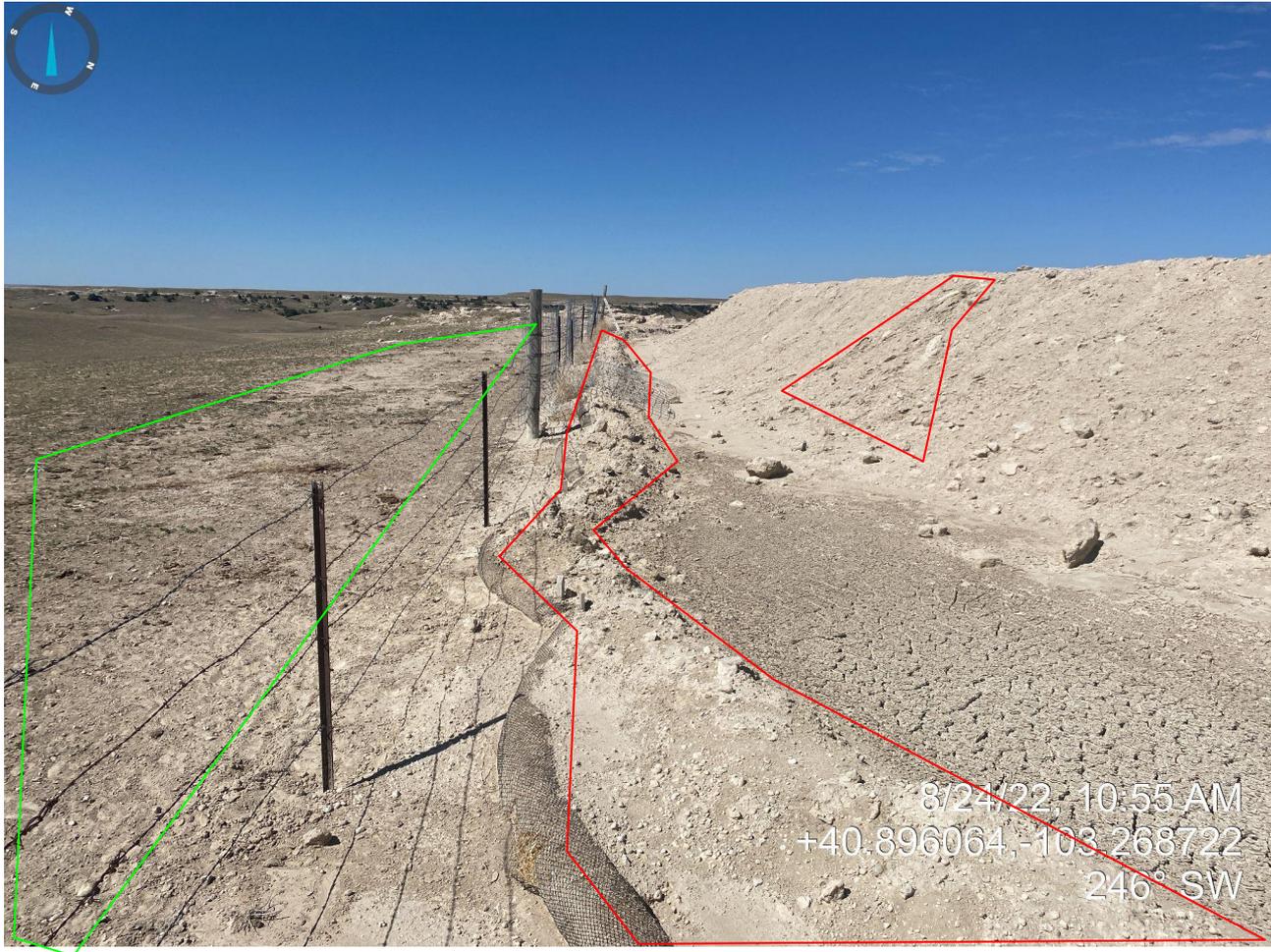


Photo 13. Photo taken from southeast corner of pit, facing southwest. Red outline illustrates sediment buried straw wattles and rill erosion on pit wall. Green highlight illustrates sediment laden stormwater is exiting off location and impacting vegetation establishment.

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Photo 14. Photo taken from southern portion of pit; close up of buried straw wattles.

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Photo 15. Photo taken from southern portion of pit; close up of inadequate stormwater BMPs. Sediment laden stormwater has buried the straw wattles and is exiting the location.

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Photo 16. Photo taken from southern center portion of pit, facing west. Photo illustrates stormwater BMPs/straw wattles are buried with sediment and need maintenance/replacement to function properly and keep sediment from exiting location .

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Photo 17. Photo taken from southwestern portion of pit, facing north. See comments in photo 16.

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Photo 18. Photo taken of salt kill area from the southwest corner of the pit, facing south. Salt kill area outlined in red.

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Photo 19. Photo taken of salt kill area from the southwest corner of the pit, facing southeast. Salk kill area outlined in red.

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Photo 20. Close up photo within the center portion of the salt kill area. Photo illustrates some desirable vegetation present (buffalo grass, wheatgrass).

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Photo 21. Photo taken from southernmost extent of salt kill, near exposed pipeline, facing north. Photo illustrates some desirable vegetation establishment (predominantly buffalo grass) in foreground, outlined in red.

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Photo 22. Photo taken from center portion of salt kill, facing northeast. Photo illustrates this portion of the salt kill area has failed to provide uniform vegetation cover resulting in bare soil and annual weedy vegetation, predominantly Kochia.

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Photo 23. Photo taken from westernmost corner of pit, facing north. See comments in photo 12.

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Photo 24. Close up of photo 23. See comments in photo 12.

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Photo 25. Salt Kill area photo taken west of location, facing south. Photo illustrates this portion of the salt kill area has failed to provide uniform vegetation cover resulting in bare soil.

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Photo 26. Salt Kill area photo taken west of location, facing north. Photo illustrates this portion of the salt kill area has failed to provide uniform vegetation cover resulting in bare soil. Area outlined in red illustrates recent sediment transport offsite, or soil exceeding Table 915-1 standards, or both.

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Photo 27. Salt kill area photo taken from western edge of location, facing west. see comments in photo 26.

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Photo 28. Photo taken from western edge of salt kill area, facing northeast towards location. See comments in photo 26.

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Photo 29. See comments in photo 28.

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Photo 30. Pit photo taken from western edge, facing southeast. Photo illustrates straw wattles buried and insufficient in keeping sediment laden stormwater from exiting location, outlined in red.

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Photo 31. Pit photo taken from northwestern corner, facing east. See comments in photo 12.

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Photo 32. Pit photo taken from northwestern corner, facing south. See comments in photo 12.

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Photo 33. Pit photo taken from northern portion, facing southwest. See comments in photo 12.

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Photo 34. Pit photo taken from northeastern portion, facing southwest. See comments in photo 12.

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Photo 35. Pit photo taken from northeastern portion, near pump jack, close up. Photo illustrates minor gully erosion on eastern side of pit.

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Photo 36. Photo taken near pump jack on southern portion of location, facing north. Photo illustrates fencing material left on site.

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Photo 37. Location photo taken near center portion, facing east. Photo illustrates unused equipment and/or debris left on location.

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Photo 38. Photo illustrates debris left on location, near the eastern portion by the heater/separator.