

Inspection Photos

2/20/2019

Operator: WESTERN OPERATING COMPANY -
95620

Location ID: 312292

Inspection Doc. Number: 682504516

Logan County, CO

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Photo 1: Photo taken from the south end of the production area, facing southwest. Photo shows the disturbed areas down gradient of the pit and production areas. Photo shows operator appears to have placed erosion logs around the perimeter of the pit, and portions of the interim areas

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Photo 2: Continued from photo 1. Photo shows erosion log BMP. Erosion logs are sediment control barriers and ponding BMPs that intercept sheet flow runoff from disturbed areas, and are required to be trenched and back-filled in order to be in proper functioning condition. Photo shows Operator appears to have only placed/staked the erosion logs upon the surface of the soil; BMPs have not been trenched and back-filled in accordance with good engineering practices and are not in proper functioning condition.



Photo 3: Photo taken from the disturbed interim areas on the east end of the pit. erosion log. Photo also show the seeded soils of the interim areas remain bare and exposed. Previous inspections required stabilization control BMPs to stabilize the seeded soils to mitigate further erosion degradation. Unable to find evidence that stabilization controls have been installed/maintained; Areas downgrade of the pit and location remain at risk to erosion degradation. Parallel striations observed in the soils are likely a result from seeding activities using a no-till drill and are not considered to be (or suitable as) a stormwater and erosion control BMP.



Photo 4: Photo taken from the interim areas on the south end of the pit, facing west. See comments under photo 3. Parallel striations observed in the soils are likely a result from seeding activities using a no-till drill and are not considered to be (or suitable as) a stormwater and erosion control BMP.



Photo 5: Photo taken from the interim areas on the south end of the pit, facing south. See comments under photo 3.



Photo 6: Photo taken from the interim areas on the south end of the pit. See comments under photo 3.



Photo 7: Photo taken from the west end of the production area/pit, facing west. Photo shows the disturbed areas down gradient of the pit and production areas. Photo shows operator appears to have placed erosion logs around the perimeter of the pit, and portions of the interim areas



Photo 8: Continued from photo 7. Photo shows erosion log BMP. Erosion logs are sediment control barriers and ponding BMPs that intercept sheet flow runoff from disturbed areas, and are required to be trenched and back-filled in order to be in proper functioning condition. Photo shows Operator appears to have only placed/staked the erosion logs upon the surface of the soil; BMPs have not been trenched and back-filled in accordance with good engineering practices and are not in proper functioning condition.



Photo 9: Photo taken from the interim areas west of the location. Photo shows the seeded soils of the interim areas remain bare and exposed. See comments under photo 3 regarding previous requirements for required stabilization controls.



Photo 10: Photo taken from the base of the pit. Photo of erosion log. See comments under photo 8.

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Photo 11: Photo taken from the interim areas west of the pit, facing west. See comments under photo 7.



Photo 12: Continued from photo 11. Photo shows erosion log BMP. See comments under photo 8.