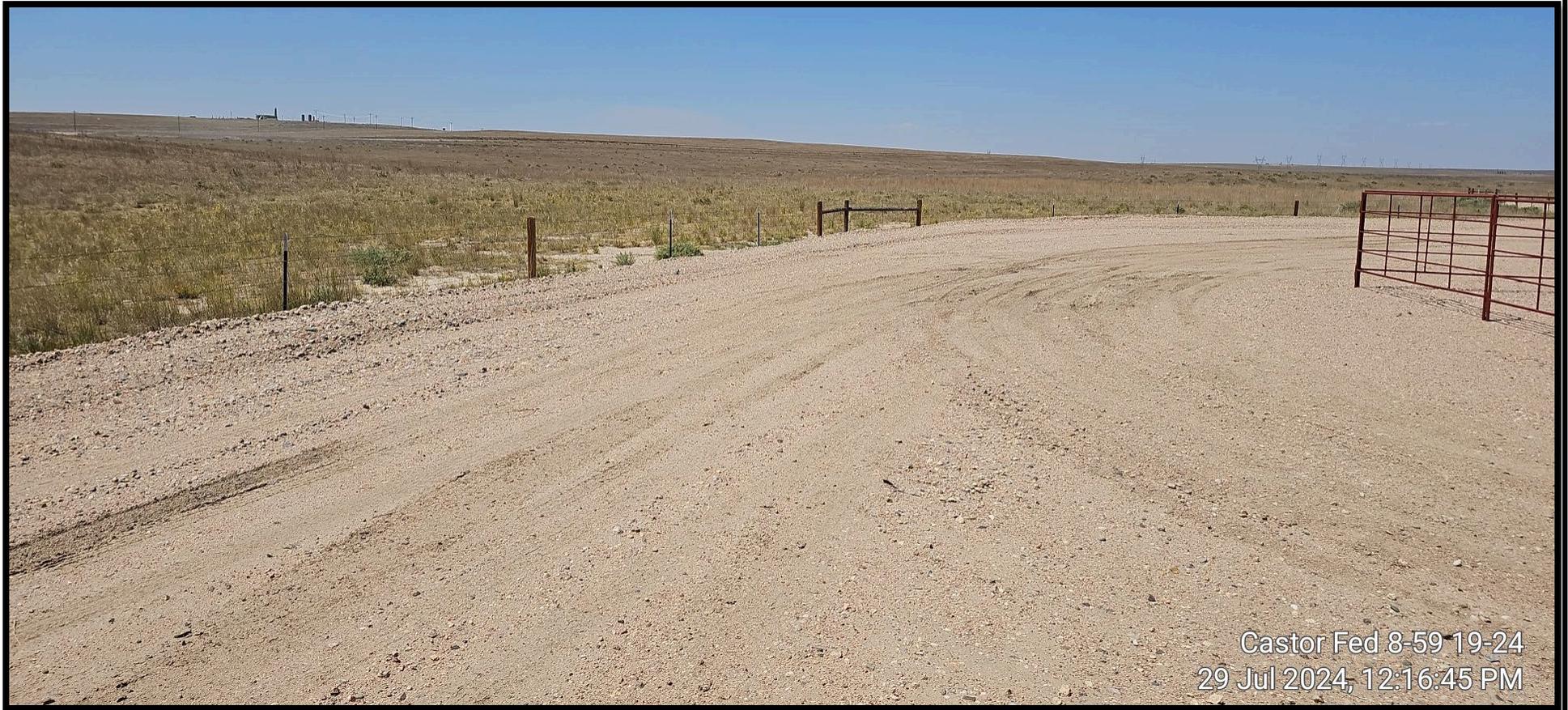


Operator: CIVITAS NORTH LLC
Location Name: Castor 8-59/19
Loc ID: 452871
Inspection: 696200606



Castor Fed 8-59 19-24
29 Jul 2024, 12:17:42 PM



Castor Fed 8-59 19-24
29 Jul 2024, 12:16:45 PM



Castor Fed 8-59 19-24
29 Jul 2024, 12:15:11 PM





Castor Fed 8-59
31 Jul 2024, 10:49:02 AM



Castor Fed 8-59
31 Jul 2024, 10:48:56 AM



Castor Fed 8-59
31 Jul 2024, 10:47:59 AM



Castor Fed 8-59
31 Jul 2024, 10:47:54 AM



Castor Fed 8-59
31 Jul 2024, 10:46:40 AM



Castor Fed 8-59
31 Jul 2024, 10:46:15 AM



Castor Fed 8-59
31 Jul 2024, 10:45:57 AM



Castor Fed 8-59
31 Jul 2024, 10:45:13 AM



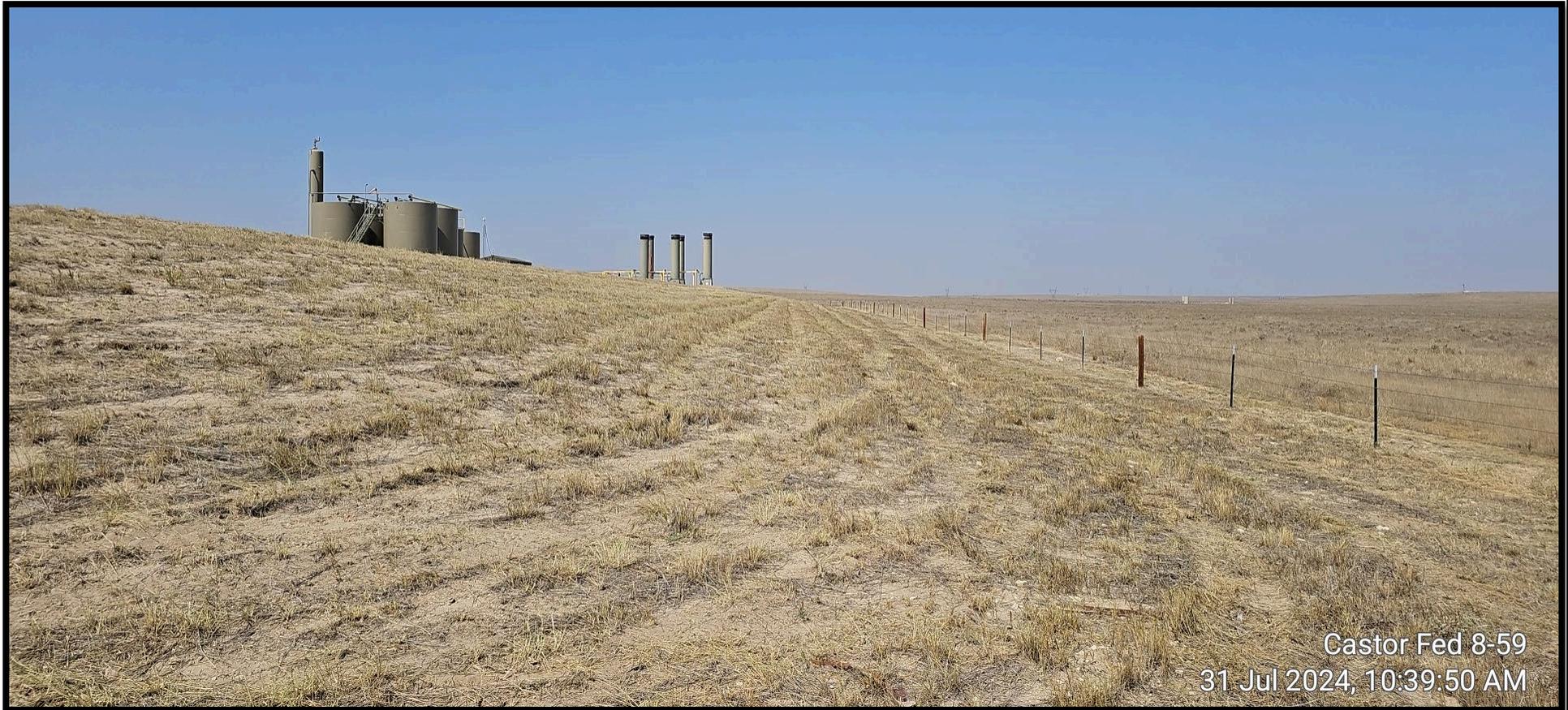
Castor Fed 8-59
31 Jul 2024, 10:43:57 AM



Castor Fed 8-59
31 Jul 2024, 10:40:35 AM



Castor Fed 8-59
31 Jul 2024, 10:40:15 AM



Castor Fed 8-59
31 Jul 2024, 10:39:50 AM



Castor Fed 8-59
31 Jul 2024, 10:39:11 AM



Castor Fed 8-59
31 Jul 2024, 10:38:12 AM



CA: Trash debris observed on the southwest corner of the location. See photo 9. Comply with 603.f

CA Resolution: Operator has provided recent photo evidence to show that the location is clear of trash/debris and continues to comply with the 600 series.

CA: Operator has selected/placed straw wattles within the ditch of the location. Wattles appear to have been placed as a "Velocity Check". Straw wattles have not been installed in accordance with good engineering practices. Wattles are required to be trenched and backfilled to be in proper functioning condition. Insufficient trenching/backfilling will result in degradation to the ditch due to stormwater cutting and passing beneath the wattle. See photos 12, 13, 15 and 20 for examples of resulting issues when wattles are not properly trenched/backfilled. Additionally, wattles were installed at the inlet/outlet of the sediment traps. Wattles are a stormwater ponding BMP and alone are insufficient for inlet/outlet protection, or as a sediment stabilization BMP. Install/Repair Stormwater and erosion control BMPs in accordance with 1002.f. Ensure BMPs are installed in accordance with good engineering practice and maintained in proper functioning condition.

CA Resolution: Operator has completed actions pertaining to Stormwater Management to comply with ECMC Rule 1002.

CA: Sediment traps on the northwest and northeast ends of the location are insufficient and have not been constructed in accordance with good engineering practices; BMPs have not been constructed to an appropriate size for the site's conditions, or with sufficient inlet/outlet and slope protection. As a result, stormwater runoff has degraded the traps; BMPs are not in proper functioning condition. Large gulley erosion on slopes and sediment transport off location is evident. See photos 11-22. Wattles were installed at the inlet/outlet of the sediment traps. Wattles are stormwater ponding BMP and alone are insufficient for inlet/outlet protection, or as a sediment stabilization BMP. Inlets/outlets are insufficiently armored and are missing protections including, but not limited to, geotextile lining and riprap of appropriate sizes. Install/Repair Stormwater and erosion control BMPs in accordance with 1002.f. Ensure BMPs are installed in accordance with good engineering practice and maintained in proper functioning condition.

CA Resolution: Operator has completed actions pertaining to Stormwater Management to comply with ECMC Rule 1002.

CA: Previous inspections documented that BMPs on the southern and eastern slopes of location are missing, or insufficient, and required Operator to repair erosion degradation, install/repair stormwater and erosion control BMPs, and to conduct ongoing stormwater monitoring and management per 1002.f. Operator has failed to conduct sufficient stormwater management in accordance with 1002.f and per corrective actions. Erosion degradation has been allowed to recur on the slopes. BMPs remain insufficient, and not maintained in proper functioning condition. Install/Repair Stormwater and erosion control BMPs in accordance with 1002.f. Ensure BMPs are installed in accordance with good engineering practice and maintained in proper functioning condition.

CA Resolution: Operator has completed actions pertaining to Stormwater Management to comply with ECMC Rule 1002.