

Interim Reclamation and Stormwater Inspection

Date: 10/20/2023

Operator: SUMMIT OIL & GAS LLC - 10774

Location ID: 465272

Inspection Document #: 708200643

Weld County, CO

Dylan Edwardson
Reclamation Specialist, ECMC



COLORADO
Energy & Carbon Management
Commission
Department of Natural Resources

Inspection Photos
Location Name: Castor 7-59 12
Location ID: 465272



Photo 1. Taken from the southeast corner of the topsoil import/borrow area. The Operator shall ensure that borrow area is reclaimed according to the 1000 Series Rules.

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Photo 2. Taken from the northeast corner of the topsoil import/borrow area. See comments in Photo 1.

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Photo 3. Taken from the northwest corner of the topsoil import/borrow area. See comments in Photo 1.

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Photo 4. Taken from the southwest corner of the topsoil import/borrow area. See comments in Photo 1.

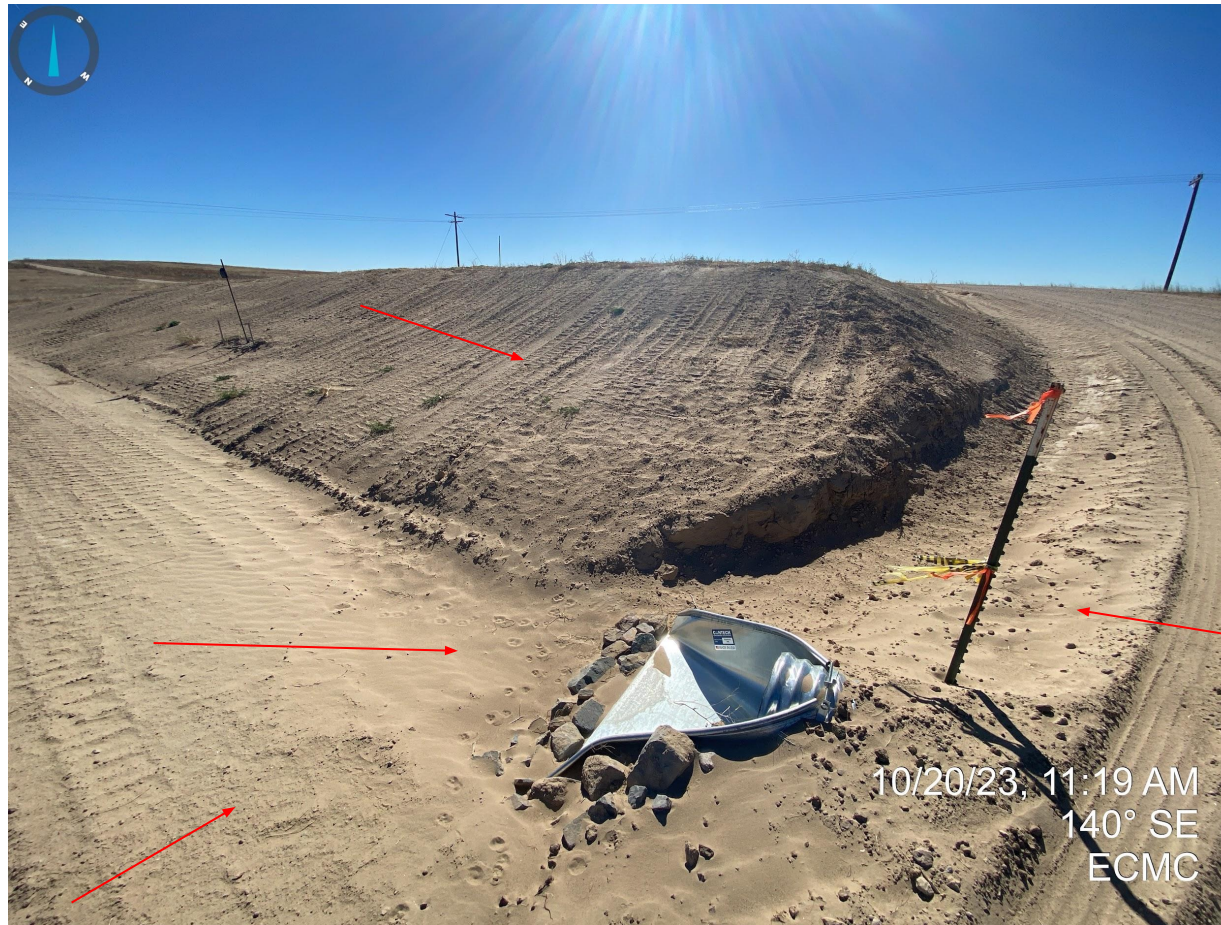
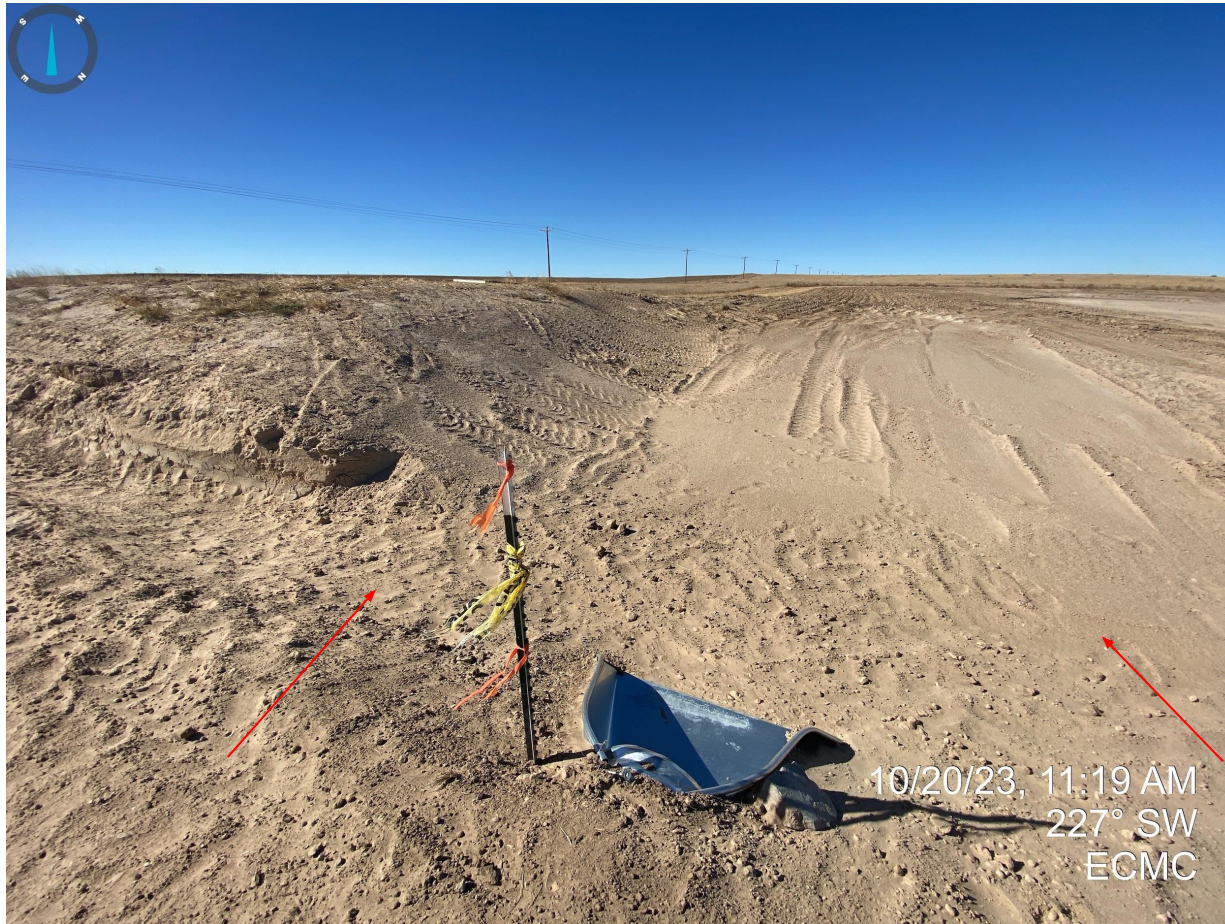


Photo 5. Taken near the location entrance. Photo illustrates that erosion degradation has been repaired, however, blow sand is evident from the unstabilized production areas and cut slopes, and is beginning to fill the stormwater ditches. Additional stabilization techniques are required.

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10/20/23, 11:19 AM
227° SW
ECMC

Photo 6. Taken from the location entrance. See comments in Photo 5.

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Photo 7. Taken from the southwest corner of the location. Photo illustrates interim reclaimed portions of the location. The Operator indicated that the interim areas would be reseeded at a later date.

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Photo 8. Taken from the western portion of the location. Photo illustrates trash observed on location during this inspection.

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Photos 9 & 10. Taken from the middle portion of the new topsoil stockpile. Photo illustrates that the topsoil stockpile has not been revegetated at the time of this inspection. Also pictured, tire tracks/vehicle traffic on the topsoil stockpile; The Operator shall restrict or prohibit any vehicle traffic on the stockpile.

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Photo 11. Taken near the northwest corner of the location. Photo illustrates interim reclaimed portions of the location. The Operator indicated that the interim areas would be reseeded at a later date.

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Photo 12. Taken from the existing topsoil stockpile. Photo illustrates that the undesirable vegetation, previously documented, has been managed (e.g. mowed). Additional stabilization (e.g. revegetation) activities are required to protect against wind and water erosion.

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Photo 13. Taken from the northeast corner of the location. Photo illustrates interim reclaimed portions of the location. The Operator indicated that the interim areas would be reseeded at a later date.

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Photos 14 & 15. New sediment basin constructed near the eastern/northeastern portion of the location.

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Photo 16 & 17. Taken near the northwest corner of the sediment basin. Photos illustrate that portions of the berms are comprised of unconsolidated material, which can become a potential source of sedimentation/pollution itself. Additional stabilization techniques are required.

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Photos 18 & 19. Taken from the northeast corner of the sediment basin. Photo illustrates that portions of the berm have been temporarily stabilized (e.g. equipment tracking) whereas some portions have been left unconsolidated.

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Photo 20. Taken from the southern portion of the sediment basin. Photo illustrates a temporary inlet control measure (e.g. straw wattle). More permanent control measures should be selected to provide long term stabilization.

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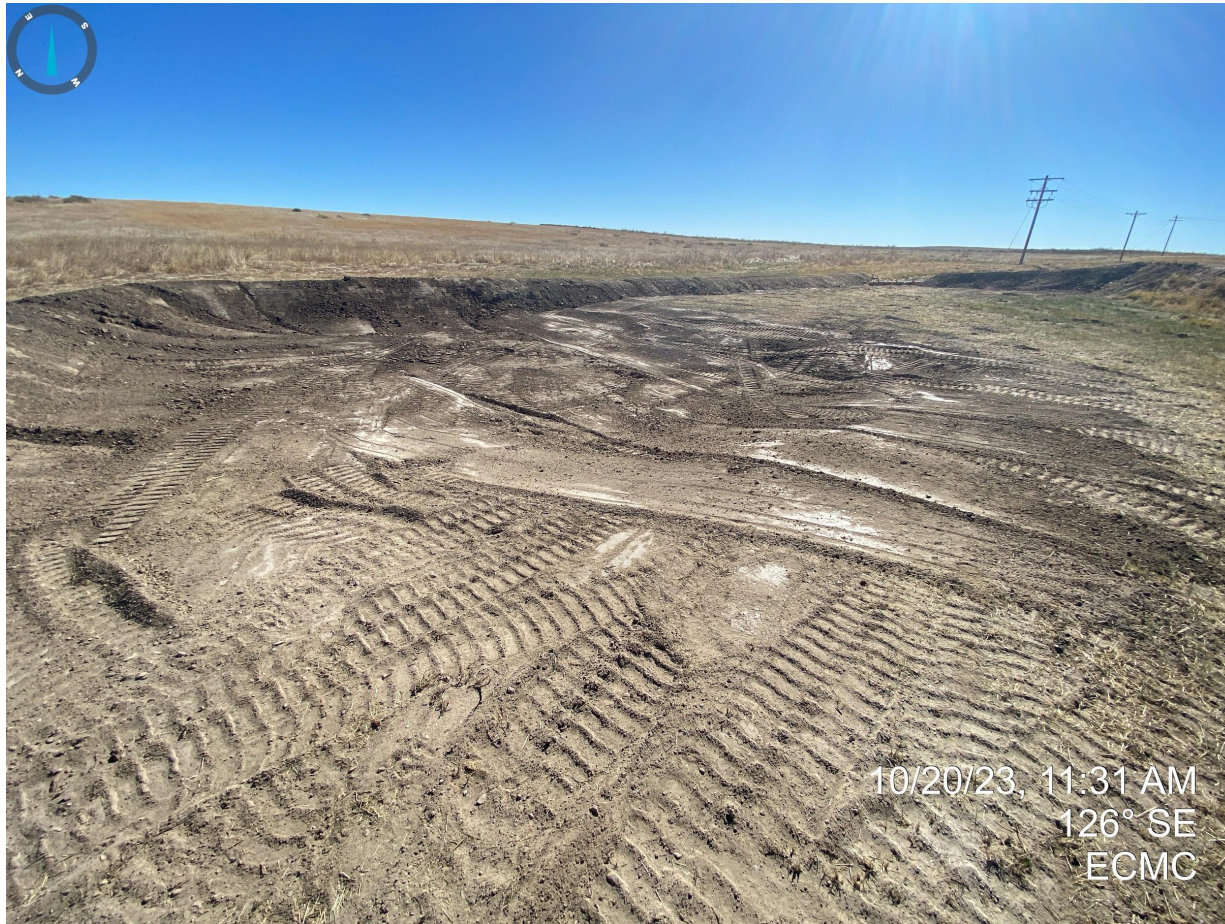


Photo 21. Additional revegetation activities are required to stabilize bare and exposed soils located within the sediment basin.

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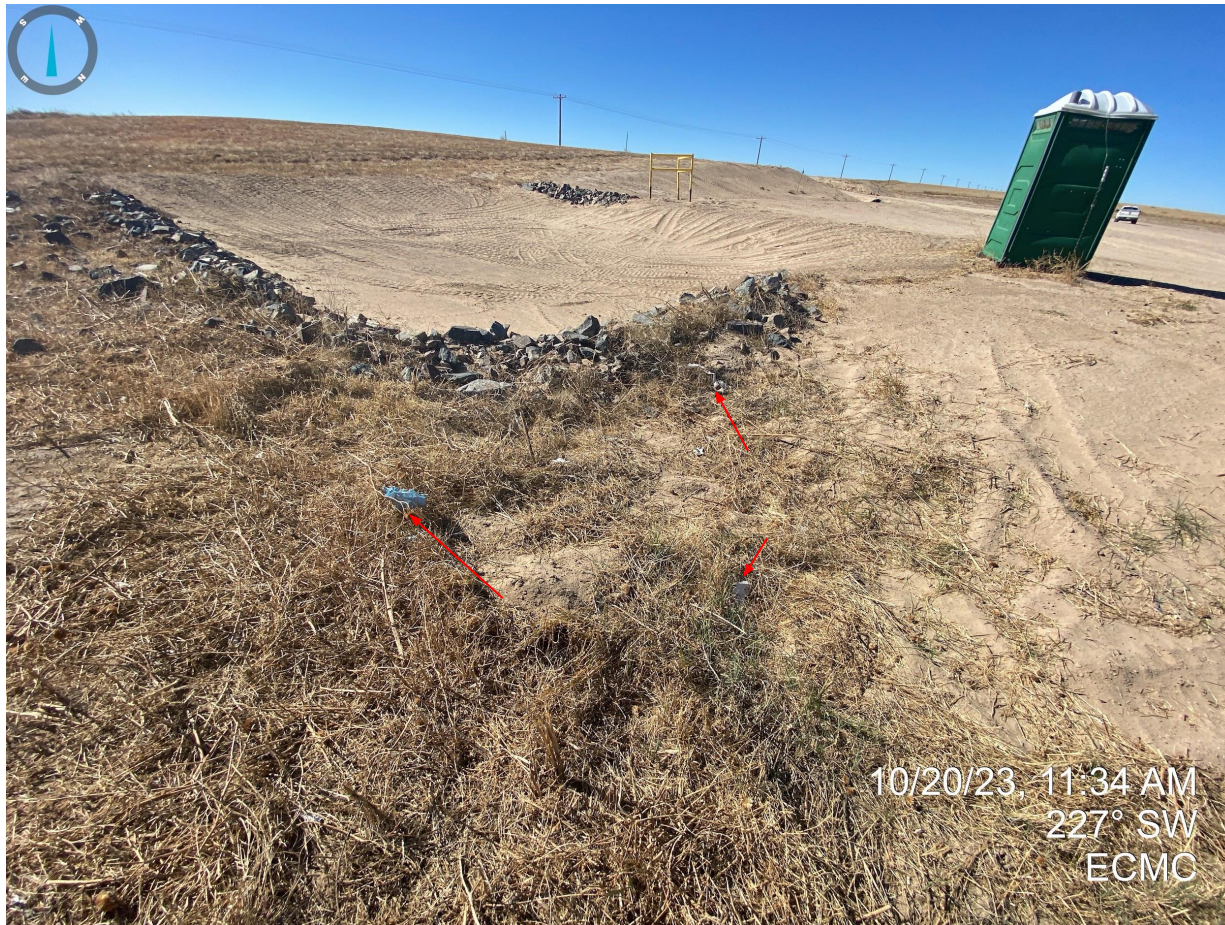


Photo 22. Taken from the southeastern corner of the location. Photo illustrates that undesirable vegetation has been managed (e.g. mowed). Also pictured, trash.

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Photo 23. Taken from the southeastern corner of the location. Photo illustrates that undesirable vegetation has been managed (e.g. mowed). Also pictured, trash.

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10/20/23, 11:35 AM
276° W
ECMC

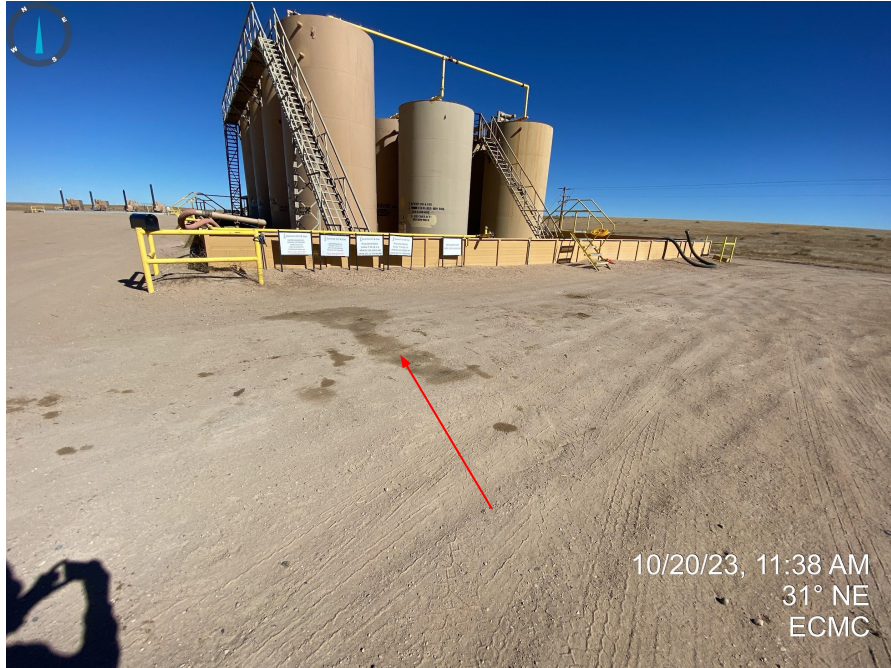
Photo 24. Taken near the southeast corner of the location. Photo illustrates that erosion degradation has been repaired, however, blow sand is evident from the unstabilized production areas and cut slopes and is beginning to fill the stormwater ditches. Additional stabilization techniques are required.

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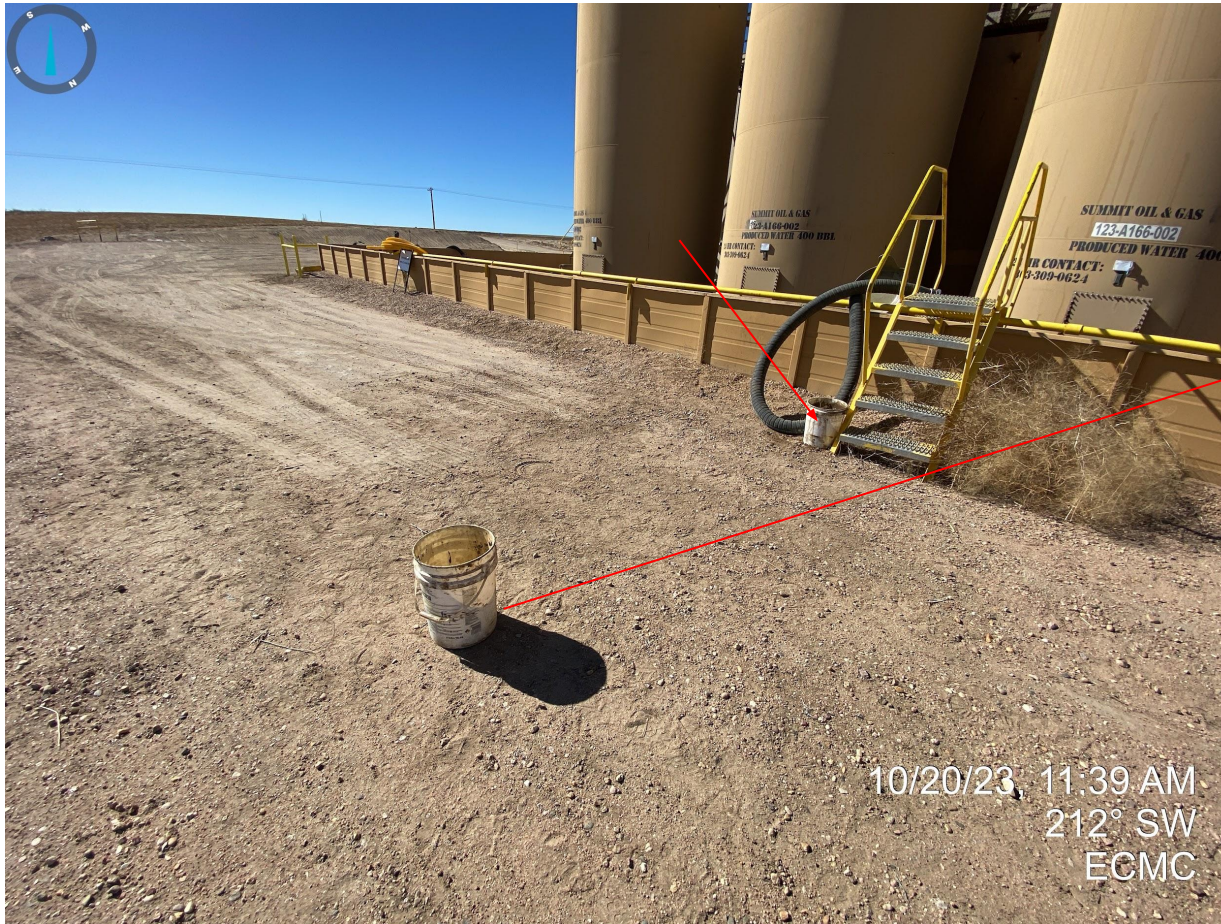
Photo 25. See comments in Photo 24.

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Photos 26 & 27. Stained soils observed around the tank battery facility.

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Photos 28-30. Buckets with apparent hydrocarbons observed outside of secondary containment.

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Photos 31 & 32. The Operator was previously advised about loadout lines resting outside of the secondary containment. All loadout lines should be placed within secondary containment in the event failure occurs.