

Interim Reclamation and Stormwater Inspection

Date: 10/05/2023

Operator: H&M PETROLEUM CORPORATION - 10032

Location ID: 312324

Inspection Document #: 708200602

Logan County, CO

SWSE Section 25 T12N R55W

Dylan Edwardson
Reclamation Specialist, ECMC



COLORADO
Energy & Carbon Management
Commission
Department of Natural Resources

Inspection Photos
Location Name: Highball 1
Location ID: 312324



Photos 1 & 2. Erosion degradation occurring along the access road, south of the location.

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Photos 3 & 4. Continued from Photos 1 & 2; erosion degradation and Colorado List C Noxious Weed (field bindweed) observed.



Photo 5. South of the location, within the interim area. Non-uniform vegetation cover resulting in areas of bare/exposed soils.

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Photos 6 & 7. Trash (antifreeze bottles) observed on south side of location.

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Photos 8 & 9. Topsoil stockpile on the east side of the location is predominantly annual forb (sunflower) and undesirable vegetation (japanese brome and russian thistle) was also observed. Longer term stabilization BMPs are required.

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Photo 10. The western edge of the topsoil stockpile is not properly stabilized with evidence of wind/water erosion observed.

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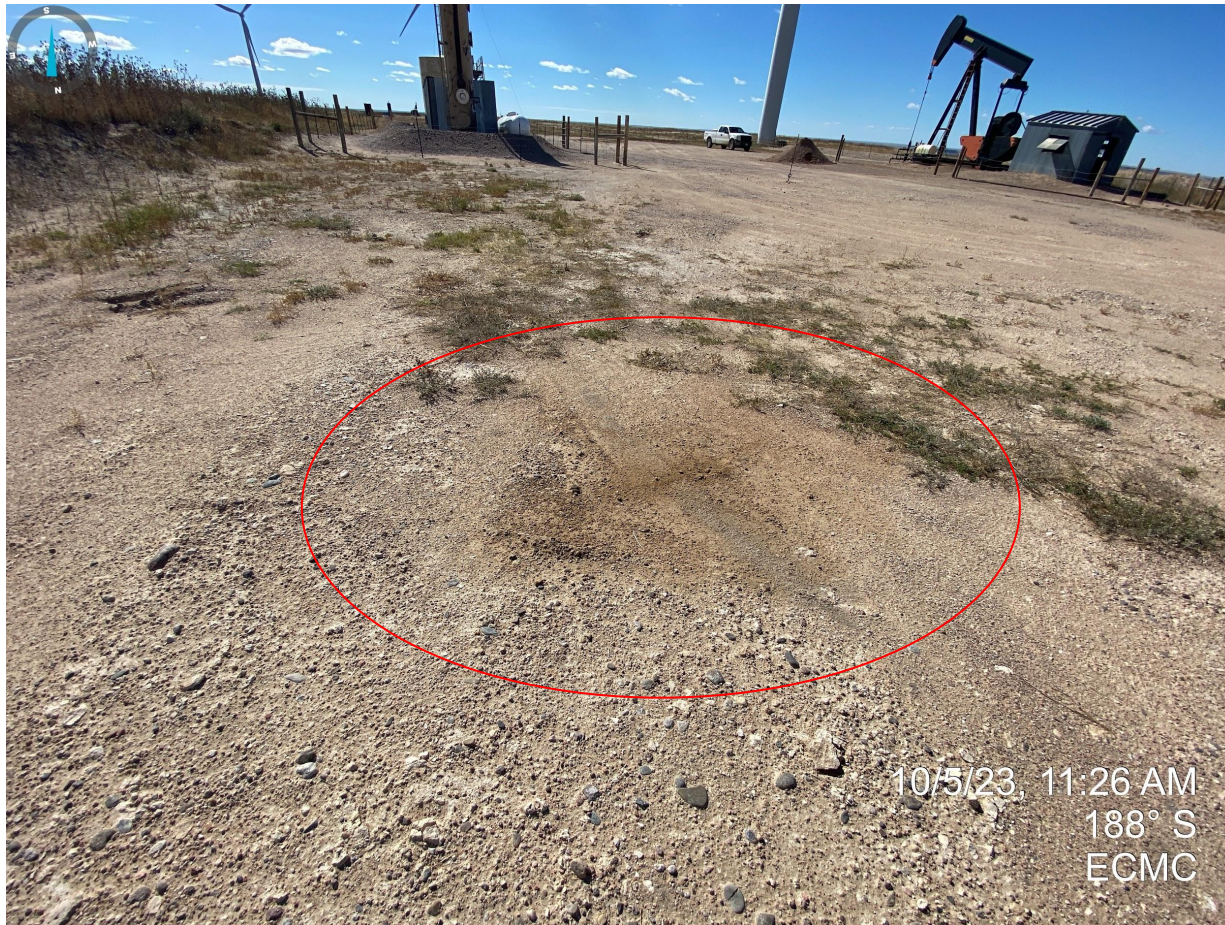


Photo 11. Stained soil observed on the northern portion of the production area.

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Photo 12. North of the location, within the interim area. Non-uniform vegetation cover resulting in areas of bare/exposed soils.

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Photo 13. Northwestern portion of the interim area. Non-uniform vegetation cover resulting in areas of bare/exposed soils.

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Photo 14 & 15. Stained soils observed around the pump jack unit.

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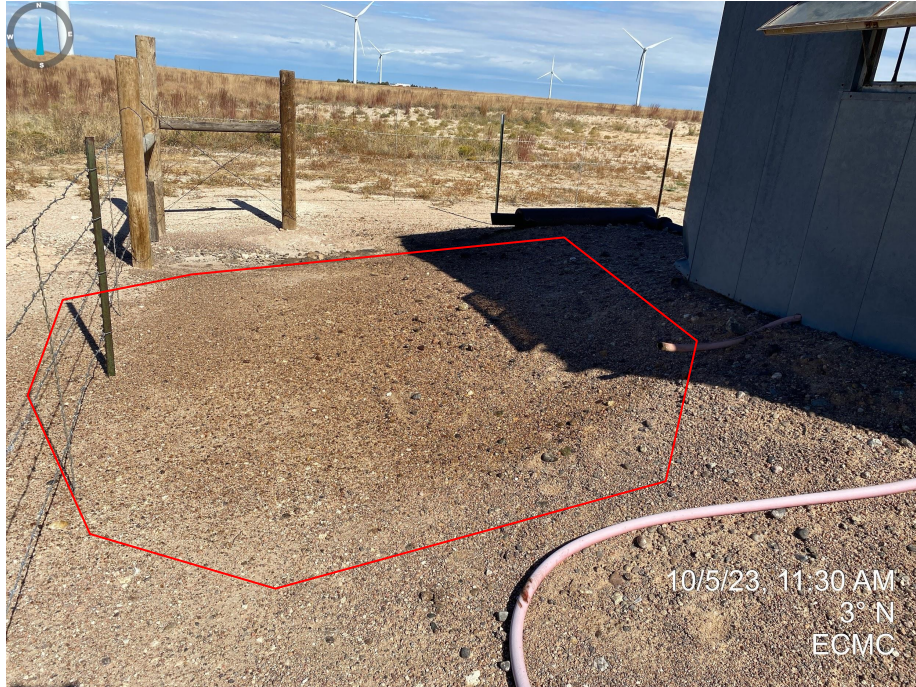


Photo 16 & 17. Oil sheen and stained soil observed around the pump jack.



Photo 18. Audible and visual leak detected at wellhead/stuffing box hammer union.

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Photo 19 & 20. Apparent E&P waste discovered by the pump jack unit. Staff was unable to determine extent/volume of impacts and noted chemical odor from impacts below recent road base material application.

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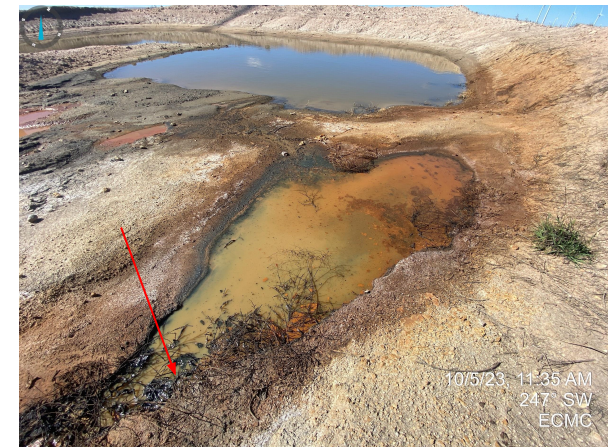
Photo 21. Unused equipment within pit area.

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Photo 22. Erosion degradation occurring from the pit berms/walls.

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Photos 23-25. Hydrocarbon impacts observed within the pit.



Photo 26. Unmarked/labeled drums within inadequate secondary containment, and no wildlife exclusion devices (e.g. netting) observed around secondary containment.



Photo 27. Emergency contact number not legible.