

Construction and Stormwater Inspection

Date: 09/27/2023

Operator: ST CROIX OPERATING LLC - 81490

Location ID: 485033

Inspection Document #: 708200570

Washington County, CO

SENE Section 28 T1N R50W

Dylan Edwardson
Reclamation Specialist, ECMC



COLORADO

**Energy & Carbon Management
Commission**

Department of Natural Resources

Inspection Photos
Location Name: Dune 1
Location ID: 485033



Photo 1. Taken near the location entrance. Per Rule 406.c. a copy of the approved Form 2A was posted on location.



Photo 2. Taken south of the location entrance. It appears the access road has had topsoil salvaged and stored on the sides of the road. Additional BMPs are required to stabilize the stockpiled soils as wheel packing alone is not adequate due to the site conditions.

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Photo 3. Taken from the drilling pad construction, facing northwest. See comments in Photo 2.



Photo 4. A sediment trap was installed on the northeast corner of the location. The sediment trap and berm material are comprised of unstabilized material and require additional BMPs to protect against wind and water erosion degradation, as wheel packing alone is not adequate due to the site conditions.



Photo 5. Taken from the northeast corner; see comments in Photo 4.

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Photos 6 & 7. Taken from the southeast corner. See comments in Photo 4.

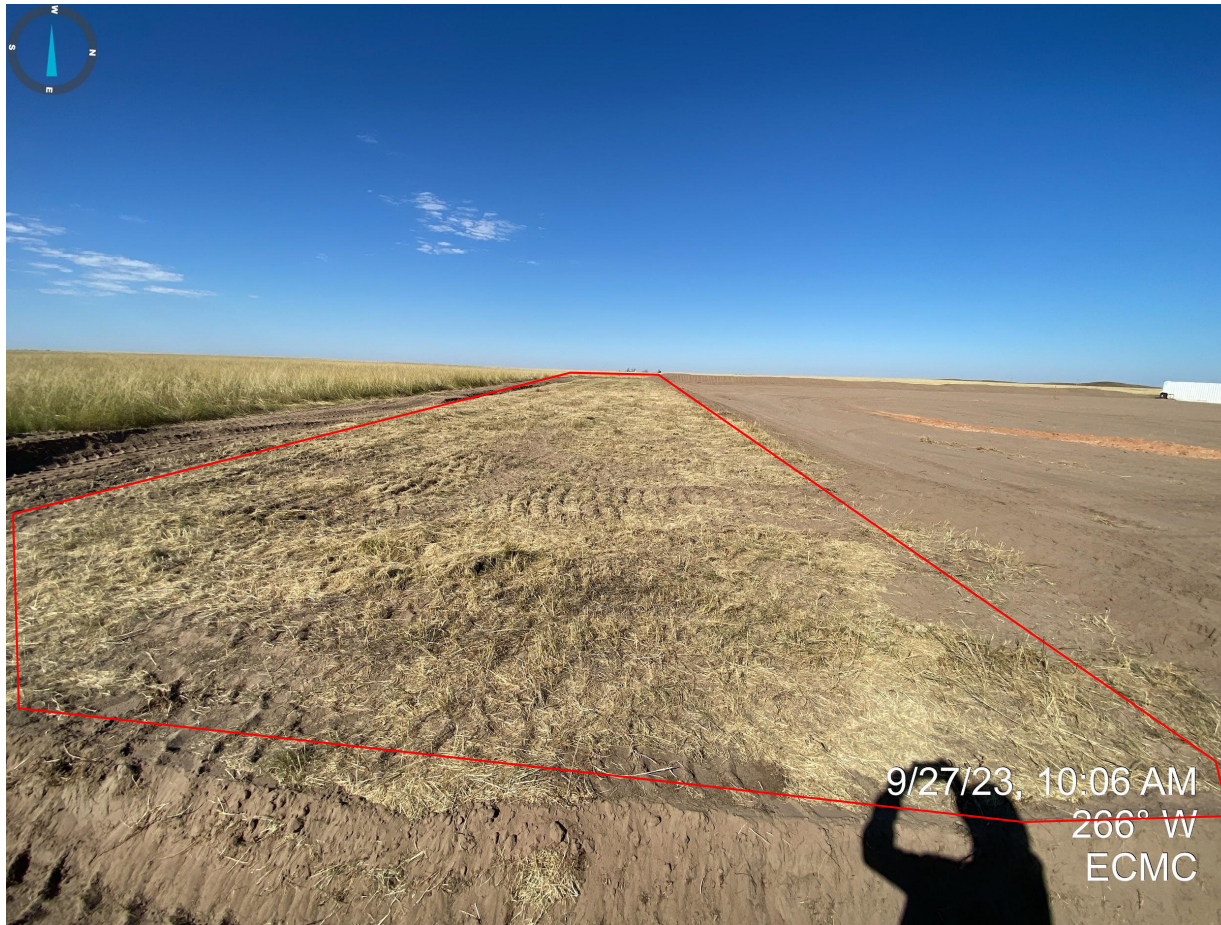


Photo 8. Taken near the southeast corner of the location. Photo illustrates that the Operator has not disturbed the entire permitted area for the construction of the pad. If the area outlined in red is to be used for any construction or drilling activities (equipment storage, parking, etc) then additional topsoil salvage shall occur within the defined area. Advise fencing or marking area to prohibit against such activity.

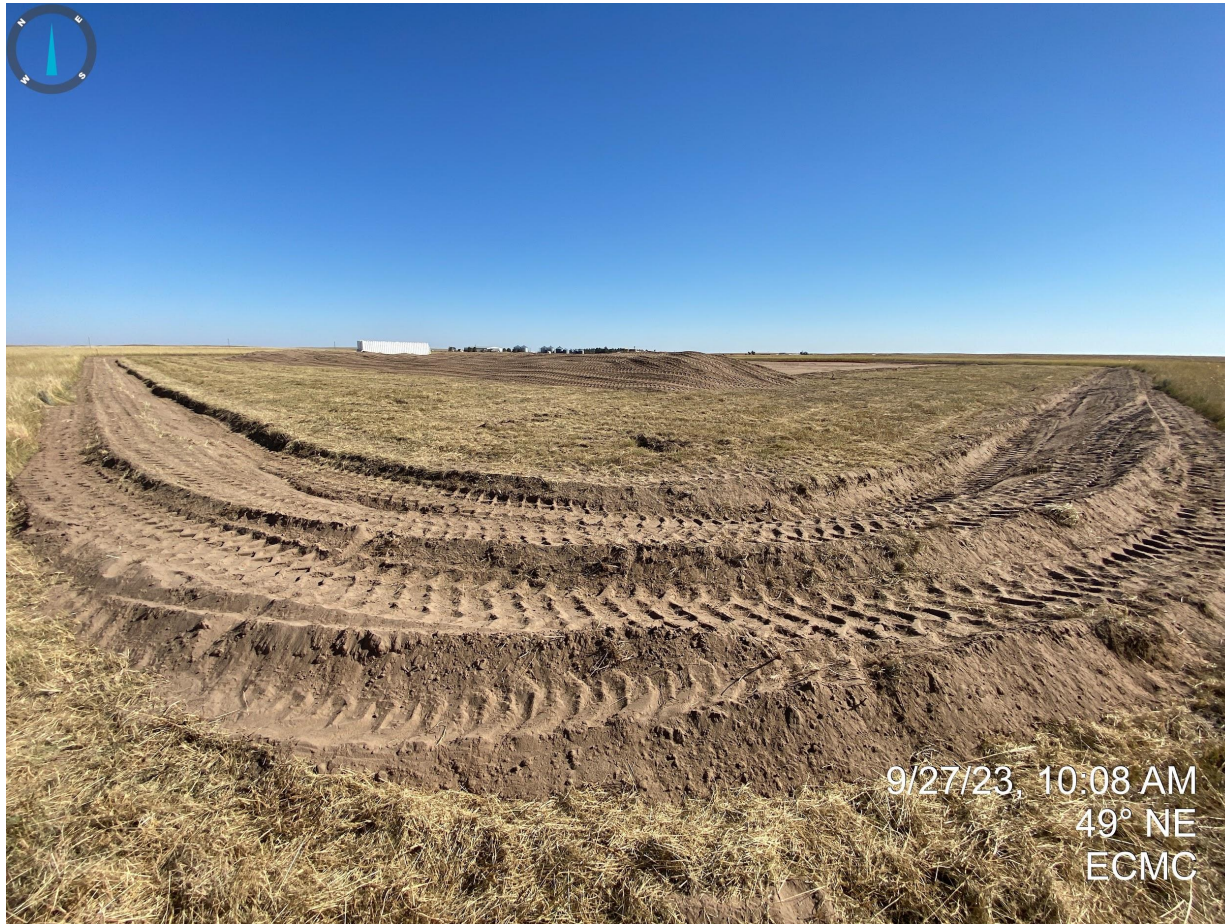


Photo 9. Taken from the southwest corner of the location; unstabilized soils observed within berm. See comments in Photo 4.



Photo 10. Taken near the northwest corner of the location, facing the topsoil stockpile. Additional BMPs are required to stabilize the stockpiled soils as wheel packing alone is not adequate due to the site conditions.



Photo 11. Taken from the northern portion of the topsoil stockpile. Wheel packing marks are parallel to the slope as opposed to perpendicular. Additional BMPs are required to stabilize the stockpiled soils as wheel packing alone is not adequate due to the site conditions.



Photo 12. Taken from the middle portion of the topsoil stockpile. Additional BMPs are required to stabilize the stockpiled soils as wheel packing alone is not adequate due to the site conditions.

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Photo 13. Taken from the southern portion of the topsoil stockpile. See comments in Photo 12.

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Photo 13. Taken near the center portion of the pad, facing the proposed well location.



Photo 14. Taken from the eastern portion of the pad. Appears material is being brought in to stabilize the drilling pad.

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Photo 15. Taken from the northwestern portion of the location, facing the access road. Fugitive dust was observed during this inspection. Appropriate actions must be taken to mitigate fugitive dust during all operations.

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Photo 17. Taken from the northeastern corner of the location. Overview of the drilling pad.