

# Construction and Stormwater Inspection

January 7, 2020

Operator: MALLARD EXPLORATION LLC- #10670

Location ID: 455365

Inspection Document #: 697501007

Weld County, CO

NENW Section 29 T8N R60W

Chris Binschus  
Reclamation Specialist, COGCC



**COLORADO**  
Oil & Gas Conservation  
Commission

Department of Natural Resources

Inspection Photos  
Location Name: Shoveler /Pad  
Location ID: 455365



**Photo 1.** Photo taken from the entrance of location, facing North. Photo illustrates no vehicle tracking device BMPs have been installed. At the time of this inspection, there was no track out issues observed.

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**Photo 2.** Photo taken from the entrance of location. Photo illustrates the wattle BMP has not been properly installed. Wattle BMP shall be trenched and back-filled and the ends shall overlap.

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**Photo 3.** Photo taken from the western access road, facing South. Photo illustrates soil particle deposition off the access road from wind erosion (everything below the red-dashed line). Operator attempted to minimize soil particle deposition by installing furrow-like BMPs along portions of the access road.

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**Photo 4.** Photo taken from a portion of the western access road, facing East. See comments under Photo 3.



**Photo 5.** Photo taken from a portion of the western access road, facing West. See comments under Photo 3.

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**Photo 6.** Photo taken from the northwestern perimeter of location, facing East. Photo illustrates a ditch and berm BMP. Berm portion of the BMP has not been installed in accordance with good engineering practices, as the berm has been left unconsolidated.

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**Photo 7.** Photo taken from the northern perimeter of location, facing East. See comments under Photo 6 regarding the berm BMP.



**Photo 8.** Photo taken from the northeastern perimeter of location, facing South. See comments under Photo 6 regarding the berm BMP.

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**Photo 9.** Photo taken from the northern perimeter of location, facing East. Photo illustrates the topsoil stockpile which is being stored along the northeastern portion of the location (highlighted in red).

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**Photo 10.** Photo taken from the eastern perimeter of location, facing South. Photo illustrates soil particle deposition accumulation within the ditch BMP and the unconsolidated berm BMP.

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**Photo 11.** Close up photo taken from the eastern perimeter of location. Photo illustrates soil particle deposition accumulation outside the perimeter BMPs.

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**Photo 12.** Close up photo taken from the southern location, facing West. Photo illustrates Operator is in process of conducting topsoil salvage operations. Based on field observations, it appears the Operator is salvaging to the appropriate depth.