

# Inspection Photos

08/02/2019

Operator: BISON OIL & GAS II LLC # 10661

Location ID: 337304

Weld County, CO

Aaron Trujillo

NE Reclamation Specialist

COGCC

## Inspection Photos

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**Photo 1:** Photo taken from the south end of the location, facing west. Photos 1-4 provide an overview of the location and construction in process from west, northwest, northeast to east. Photos also show soil stockpiles have not yet been stabilized (soil salvage in process). Photos also shows operator has installed surface roughening (ripping) along perimeter of the disturbance. Surface roughening is a temporary BMP that needs to be used on conjunction with other BMPs. Surface roughening on the southern perimeter of the location appears to have been traveled over and is not longer in proper functioning condition.

**Photo 2:** See comments under photo 1.

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**Photo 3:** See comments under photo 1.



**Photo 4:** See comments under photo 1.

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**Photo 5:** Photo taken from the south end of the location. Photo shows operator has installed surface roughening (ripping) along perimeter of the disturbance. Surface roughening is a temporary BMP that needs to be used on conjunction with other BMPs. Surface roughening on the southern perimeter of the location appears to have been traveled over and is not longer in proper functioning condition.



**Photo 6:** Photo taken from the south end of the location, facing west. Photo shows 1 of the 3 sediment traps constructed on the south end of the location. BMPs have not been constructed in accordance with good engineering practices; berms along perimeter have not been sufficiently consolidated, trap has not been constructed at an appropriate grade to mitigate stormwater degradation, BMP missing sufficient inlet and outlet protection.

BMP will need to be installed in accordance with good engineering practices per 1002.f(2).

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**Photo 7:** See comments under photo 6.



**Photo 8:** Photo taken from the west end of the location, facing north. Photo shows surface roughening BMP on the western perimeter of the location. Photo also shows soil stockpiles. Soil stockpiles have not been stabilized or BMPs installed in accordance with 1002.c

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**Photo 9:** Photo taken from the east end of the location facing south. Photo of surface roughening BMP



**Photo 10:** Photo taken from the east end of the location, facing west. Topsoil salvage and segregation in process over location. Photo shows areas of the east/northeast end of the location where all the topsoil has not yet been salvaged.

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**Photo 11:** Photo taken from the southeast corner of the location, facing west. Photo shows areas of surface roughening on the southern perimeter that have been traveled over and is no longer in proper functioning condition



**Photo 12:** Photo taken from the southeast corner of the location, facing north. Photo shows areas of surface roughening on the southern perimeter that have been traveled over and is no longer in proper functioning condition

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**Photo 13:** Photo taken from the access road, facing north. Road currently wet/muddy due to recent rain event. Vehicle tracking BMPs missing from access road. Additionally, access road appears to have been constructed across, and damming, a drainage. No BMPs (such as a culvert) has been installed to allow stormwater movement. Access road does not appear to have been constructed in such a manner to mitigate degradation or sediment transport per 1002.f and 1002.e.



**Photo 14:** See comments under photo 13.