

# Inspection Photos

09/20/2019

Operator: BISON OIL & GAS II LLC # 10661

Location ID: 452871

Weld County, CO

Aaron Trujillo

NE Reclamation Specialist

COGCC

**Inspection Photos**  
**Operator Name: BISON OIL & GAS II LLC # 10661**  
**Location ID: 452871**



**Photo 1:** Photo taken from the southeast end of the location, facing southeast. Photo shows erosion degradation appears to have been repaired on the cut slopes, however, no BMPs have been installed to stabilize the slopes. Rill erosion is beginning to re-form.



**Photo 2:** Continued from photo 1. Photo shows erosion degradation is beginning to recur on the cut slopes.





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**Photo 3:** Photo taken from the perimeter stormwater diversion ditch. Photo shows wattles within ditch appear to have been installed in accordance with good engineering practices.



**Photo 4:** Photo taken from the sediment trap on the northwest end of the location, facing north. Photo shows erosion degradation appears to have been repaired. Operator appears to have re-installed wattles as inlet protection.

Insufficient inlet protections at sediment traps.



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**Photo 5:** Continued from photo 4. Photo shows stormwater erosion degradation is beginning to recur within the trap inlet. Operator has failed to construct BMP in accordance with good engineering practices.



**Photo 6:** See comments under photo 5.



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**Photo 7:** See comments under photo 5. Two (2) meter robel pole for reference.



**Photo 8:** See comments under photo 5. Two (2) meter robel pole for reference.



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**Photo 9:** Continued from photo 8.



**Photo 10:** Photo taken from the wattle within the sediment trap inlet. Photo shows day light beneath wattle. Insufficient inlet protections at sediment traps.





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**Photo 11:** See comments under photo 5.



**Photo 12:** Photo shows outlet of the sediment trap. Outlet has not been constructed in accordance with good engineering practices.



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**Photo 13:** Photo taken from the sediment trap on the northeast end of the location, facing east. Photo shows erosion degradation appears to have been repaired at inlet. Operator appears to have re-installed wattles as inlet protection.



**Photo 14:** Continued from photo 13. Photo shows outlet at sediment trap. Outlet has not been constructed in accordance with good engineering practices.

Insufficient inlet protections at sediment traps.



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**Photo 15:** Continued from photo 14. Photo shows outlet has not been constructed in accordance with good engineering practices. Stormwater movement around outlet and degradation evident



**Photo 16:** See comments under photo 15.



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**Photo 17:** See comments under photo 15.



**Photo 18:** Photo shows straw wattle at outlet not in proper functioning condition.



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**Photo 19:** Photo taken from the fill slopes on the south end of the location. Photo show area where stormwater previously degraded the slope and transported sediment off location (yellow arrow). Photo also shows erosion degradation is beginning to recur along slopes. Insufficient BMPs in place to stabilize slopes.



**Photo 20:** Continued from photo 19. Photo shows rill erosion beginning on slope.