

Inspection Photos

05/11/2017

Operator: Bill Barrett Corp #10071

Location ID: 449306

Inspection Doc. Number: 682501979

Weld County, CO

NWSW Section 32 T5N R63W

Aaron Trujillo

Reclamation Specialist

COGCC



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Photo 1: Photo taken from the northwest end of the location, facing south. Photo shows ditch along perimeter of the location. Ditches along perimeter location have been constructed with a step grade and/or have not been consolidated. Without proper consolidation and grade, ditch will increase the sediment laden stormwater runoff from the location.



Photo 2: Photo taken from the northwest end of the location, facing east. Photo shows ditch along perimeter of the location. Ditches along perimeter location have been constructed with a step grade and/or have not been consolidated. Without proper consolidation and grade, ditch will increase the sediment laden stormwater runoff from the location.

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Photo 3: Photo taken from the north end of the location. Photo shows trash debris in ditch.



Photo 4: Photo taken from the sediment trap on the northwest end of the location. FIRR #401258606 states "Sediment traps were enlarged, smaller diameter aggregate placed at inlet and outlet. Outlet equipped with some type of filter media (straw wattle or hay bale)". This is the only trap for the entire location. Per on-site conversations between BBC and COGCC staff, sediment trap on location was determined to not have been constructed with good engineering practices. No improvements have been made since these discussions; trap has not been enlarged w/ filter media. Inlet armoring does not appear to be sufficient.

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Photo 5: Photo taken from the sediment trap on the northwest end of the location. FIRR #401258606 states "Sediment traps were enlarged, smaller diameter aggregate placed at inlet and outlet. Outlet equipped with some type of filter media (straw wattle or hay bale)". This is the only trap for the entire location. Per on-site conversations between BBC and COGCC staff, sediment trap on location was determined to not have been constructed with good engineering practices. No improvements have been made since these discussions; trap has not been enlarged w/ filter media. Inlet armoring does not appear to be sufficient. 6 foot measuring stick for reference.



Photo 6: Photo taken from the sediment trap on the northwest end of the location. FIRR #401258606 states "Sediment traps were enlarged, smaller diameter aggregate placed at inlet and outlet. Outlet equipped with some type of filter media (straw wattle or hay bale)". This is the only trap for the entire location. Per on-site conversations between BBC and COGCC staff, sediment trap on location was determined to not have been constructed with good engineering practices. No improvements have been made since these discussions; trap has not been enlarged w/ filter media. Inlet armoring does not appear to be sufficient.

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Photo 7: Photo taken from the sediment trap on the northwest end of the location. FIRR #401258606 states "Sediment traps were enlarged, smaller diameter aggregate placed at inlet and outlet. Outlet equipped with some type of filter media (straw wattle or hay bale)". This is the only trap for the entire location. Per on-site conversations between BBC and COGCC staff, sediment trap on location was determined to not have been constructed with good engineering practices. No improvements have been made since these discussions; trap has not been enlarged w/ filter media. Inlet armoring does not appear to be sufficient.



Photo 8: Photo taken from the northeast end of the location, facing east. Photo shows sediment trap that had previously existed has been removed (yellow arrow). Ditch on this portion of the location ends abruptly without any outlet BMP in place to allow for adequate sediment laden free stormwater discharge. Per on-site conversations with BBC on 4/6/2017, COGCC staff were under the impression that additional BMPs to allow for adequate sediment laden free stormwater discharge would be installed on the northeast end of the location.

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Photo 9: Photo taken from the northeast end of the location. Photo shows sediment trap that had previously existed has been removed (yellow arrow). Ditch on this portion of the location ends abruptly without any outlet BMP in place to allow for adequate sediment laden free stormwater discharge. Per on-site conversations with BBC on 4/6/2017, COGCC staff were under the impression that additional BMPs to allow for adequate sediment laden free stormwater discharge would be installed on the northeast end of the location.



Photo 10: Photo taken from the northeast end of the location. Photo shows ditch on this portion of the location ends abruptly without any outlet BMP in place to allow for adequate sediment laden free stormwater discharge. Per on-site conversations with BBC on 4/6/2017, COGCC staff were under the impression that additional BMPs to allow for adequate sediment laden free stormwater discharge would be installed on the northeast end of the location.

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Photo 11: Photo taken from the northeast end of the location. Photo shows sediment trap that had previously existed has been removed .



Photo 12: Photo taken from the ditch on the northeast end of the location. Photo shows ditch remain constructed with a steep grade and/or have not been consolidated. Soil has “sloughed off” from the walls in areas of the ditch.

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Photo 13: Photo taken from the northeast end of the location, facing west. Photo shows a low point in the northeast end; Per on-site conversations with BBC on 4/6/2017, COGCC staff were under the impression that additional BMPs to allow for adequate sediment laden free stormwater discharge would be installed on the northeast end of the location.



Photo 14: Photo taken from the northeast end of the location, facing south.

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Photo 15: Photo taken from the northeast end of the location, facing north. Photo shows a low point in the northeast end; Per on-site conversations with BBC on 4/6/2017, COGCC staff were under the impression that additional BMPs to allow for adequate sediment laden free stormwater discharge would be installed on the northeast end of the location.



Photo 16: Photo taken from the north end of the location. Photo shows berms on location appear to be consolidated and in proper functioning condition.

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Photo 17: Photo taken from the northeast end of the location, facing south. Photo shows berms on location appear to be consolidated and in proper functioning condition.



Photo 18: Photo taken from the ditch on the east end of the location. Photo also shows soil has “sloughed off” from the walls in areas of the ditch, or is beginning to erode off into the ditch. Rock aggregate is a check dam that has become inundated with sediment from the wall. 6 foot measuring stick for reference.

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Photo 19: Photo taken from the southeast end of the location, facing north. Photo shows what appears to be saw dust has blown from the location and begun inundating the ditch.



Photo 20: Photo taken from the southeast end of the location, facing west. Photo shows what appears to be saw dust has blown from the location and begun inundating the ditch.

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Photo 22: Photo taken from the southeast end of the location. Photo shows what appears to be saw dust has blown from the location and begun inundating the ditch. Saw dust has filled the ditch up over a foot in some areas. Advise removing before ditch is no longer in proper functioning condition.



Photo 23: Photo taken from the southeast end of the location, facing east. FIRR #401258606 from operator states "The slopes on the eastern perimeter have been retracted". Photo shows that the slopes on the eastern perimeter of the location have not been retracted as stated in the FIRR.

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Photo 24: Photo taken from the southeast end of the location, facing north. FIRR #401258606 from operator states "The slopes on the eastern perimeter have been retracked". Photo shows that the slopes on the eastern perimeter of the location have not been retracked as stated in the FIRR.



Photo 25: Photo taken from the southeast end of the location. Photo shows what appears to be saw dust has blown from the location and begun inundating the ditch. Saw dust has filled the ditch up over a foot in some areas. Advise removing before ditch is no longer in proper functioning condition.

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Photo 26: Photo taken from the southeast end of the location. Photo shows what appears to be saw dust has blown from the location and begun inundating the ditch, and encroaching onto adjacent lands. Saw dust has filled the ditch up over a foot in some areas. Advise removing before ditch is no longer in proper functioning condition.



Photo 27: Photo taken from the ditch on the southwest end of the location, facing east. Photo shows ditch remains constructed with a steep grade and/or have not been consolidated. Photo also shows soil has “sloughed off” from the walls in areas of the ditch, or is beginning to erode off into the ditch.

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Photo 28: Photo taken from the ditch on the southwest end of the location, facing east. Photo shows ditch remains constructed with a steep grade and/or have not been consolidated. Photo also shows soil has “sloughed off” from the walls in areas of the ditch, or is beginning to erode off into the ditch.



Photo 29: Photo taken from the ditch on the southwest end of the location, facing north. Photo shows ditch remains constructed with a steep grade and/or have not been consolidated. Photo also shows soil has “sloughed off” from the walls in areas of the ditch, or is beginning to erode off into the ditch.

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Photo 30: Photo taken from the ditch on the southwest end of the location. Photo shows ditch remain constructed with a steep grade and/or have not been consolidated. Photo also shows soil has “sloughed off” from the walls in areas of the ditch, or is beginning to erode off into the ditch.



Photo 31: Photo taken from the ditch on the southwest end of the location. Photo shows ditch remain constructed with a steep grade and/or have not been consolidated. Photo also shows soil has “sloughed off” from the walls in areas of the ditch, or is beginning to erode off into the ditch.