

Construction and Storm Water Inspection

February 20, 2019

Operator: EXTRACTION OIL & GAS INC – 10459

Location ID: 455317

Inspection Document #: 674902573

Weld County, CO

NWSE Section 7 T1S R68W

Russell Beam
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COLORADO
Oil & Gas Conservation
Commission

Department of Natural Resources

Inspection Photos

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Photo 1. Photo taken from the eastern perimeter of the location, facing North. Photo illustrates a ditch and berm BMP that is being installed around the perimeter of the location. However this should have been complete at the time of inspection because major dirt work activities were occurring at the center of the location.



Photo 2. Photo taken from the northeastern perimeter of the location, facing West. See comments from Photo 1.

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Photo 3. Photo taken from the northeastern perimeter of the location, facing South. See comments from Photo 1.



Photo 4. Photo taken from the northeastern perimeter of the location, facing West. The topsoil stockpile being stored along the northern area in the background of the Photo. The perimeter BMPs in the foreground of the Photo have not been completed due to lack of compaction and has not been installed with best engineering practices. However this should have been complete at the time of inspection because major dirt work activities were occurring at the center of the location.

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Photo 5. Photo taken from the northwestern perimeter of the location, facing East. See comments from Photo 4.



Photo 6. Photo taken from the western perimeter of the location, facing South. See comments from Photo 4.

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Photo 7. Photo taken from the western perimeter of the location, facing South. Photo illustrates the ditch and berm BMP was not completed at the time of inspection. Note there is a potential wetland downslope within the drainage where the break in the ditch and berm BMP is located.



Photo 8. Photo taken from the western perimeter of the location, facing South. See comments from Photo 7.

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Photo 9. Photo taken from the western perimeter of the location from where the break in the ditch and berm BMP is located, facing East. Note the upslope work being conducted at the time of the inspection there were no BMPs downslope of the construction.



Photo 10. Photo taken from the western perimeter of the location from where the break in the ditch and berm BMP is located, facing West. Note the mapped Riverine System (R4SBC) wetland adjacent to the disturbance with plant species encountered included but was not limited to common threesquare (*Schoenoplectus pungens*). The Operators Form 2A stated that an Army Corps of Engineers Section 404 permit was not filed.

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Photo 11. Photo taken from west of the location, facing East. Note the potential wetland adjacent to the disturbance with plant species encountered included but was not limited to common threesquare (*Schoenoplectus pungens*). See comments from Photo 7.



Photo 12. Photo taken from the southwestern perimeter of the location, facing East. Photo illustrates the ditch and berm BMP that has been improperly installed, not compacted and has been disturbed due to equipment.

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Photo 13. Photo taken from the southern perimeter of the location, facing East. This entire southern perimeter is a USFWS National Wetlands Inventory mapped Riverine System (R4SBC) wetland and has been disturbed due to the construction.



Photo 14. Photo taken from the southern perimeter of the location, facing East. See comments from Photos 13.

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Photo 15. Aerial imagery showing the the USFWS National Wetlands Inventory mapped Riverine System (R4SBC) in the blue polygon