

Inspection Photos

API: 05-071-09381

Operator: XTO ENERGY INC

Inspection Date: 11/8/2019



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**Oil & Gas Conservation
Commission**

Department of Natural Resources

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Inspection Photos



Photo 1. Facing north at the beginning of the access road. The cattle guard has been maintained and slopes have been hydro-mulched.



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Oil & Gas Conservation
Commission

Department of Natural Resources

API: 05-071-09381 | Date: 11/8/2019

Inspection Photos



Photo 2. Rock rip/rap was installed on the side of the road at the beginning of the access road. Sediment has filled into rip rap indicating erosion is not controlled.



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Inspection Photos



Photo 3. Rock check dams were installed along the road however, sediment has filled in the check dams. The check dams were not properly installed by trenching the sides into ground and creating a low area in the center of the check dams.



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Inspection Photos



Photo 4. Erosion channel is developing along the side of the road which need to be repaired and controlled.



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Department of Natural Resources

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Inspection Photos



Photo 5. The culvert outlet extends to far out from the road which creates a 3 ft. vertical drop for stormwater which can accelerate erosion. The outlet protection is not adequate and the culvert should be cut closer to the road.



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Inspection Photos



Photo 6. Sediment has filled into the check dam which requires maintenance.



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Department of Natural Resources

API: 05-071-09381 | Date: 11/8/2019

Inspection Photos



Photo 7. There is an erosion channel developing beyond the check dam which needs to be repaired.



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Commission

Department of Natural Resources

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Inspection Photos



Photo 8. Facing southwest toward the location which has not been recontoured and reclaimed.



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Oil & Gas Conservation
Commission

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Inspection Photos



Photo 9. There is a soil slough where I am standing in the photo along the cut slope. There is erosion along the cut slope which is not stabilized.



COLORADO
Oil & Gas Conservation
Commission

Department of Natural Resources

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Inspection Photos



Photo 10. Facing southwest along the cut slope, There is erosion along the cut slope which is unstable.



COLORADO
Oil & Gas Conservation
Commission

Department of Natural Resources

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Inspection Photos



Photo 11. There are noxious weeds (Common mullein) on the pad surface.



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Oil & Gas Conservation
Commission

Department of Natural Resources

API: 05-071-09381 | Date: 11/8/2019

Inspection Photos



Photo 12. Facing northwest toward the location. The cut slope is bare of vegetation and not stabilized.



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Commission

Department of Natural Resources

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Inspection Photos



Photo 13. Facing east toward the fill slope.



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Department of Natural Resources

API: 05-071-09381 | Date: 11/8/2019

Inspection Photos



Photo 14. Facing southeast toward the access road at left of the photo which was approved to remain per variance request. The pad fill slope material is shown in right portion of the photo which the variance request was denied.



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