

# Inspection Photos

API: 05-055-06017

Operator: OXY USA INC

Inspection Date: 6/11/2019



**COLORADO**

**Oil & Gas Conservation  
Commission**

Department of Natural Resources

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## Inspection Photos



**Photo 1.** There is erosion occurring at the culvert with no outlet protection.  
Lat/Long:37.69957,-105.22668



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**Photo 2.** There is sediment accumulating at the culvert inlet.

Lat/Long:37.69845,-105.22215



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**Photo 3.** There is severe erosion (6ft. Deep) occurring at the culvert with no outlet protection. Lat/Long:37.69829,-105.21889



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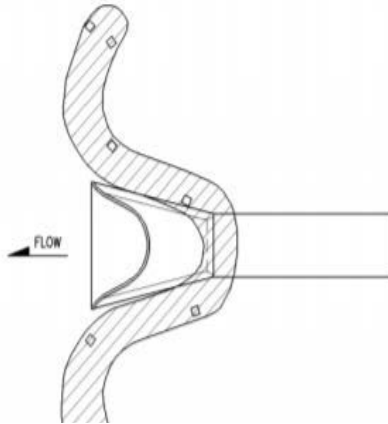
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### Outlet Protection

Outlet protection prevents scour and erosion at the outlet of a channel or conduit by reducing the speed of stormwater. Outlet protection is comprised of geotextile fabric and riprap placed at the outlet.



*Poor installation of outlet protection. Geotextile was not placed under the riprap and not enough rock was used. As a result, stormwater is undercutting the existing rock.*

**Photo 4.** These diagrams from CDOT manual describe the requirement for outlet protection.



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**Photo 5.** There is no erosion control BMPs at the diversion along the main road.  
Lat/Long:37.69860,-105.21673



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**Photo 6.** There is erosion occurring at the culvert with no outlet protection.  
Lat/Long:37.70004,-105.21143



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**Photo 7.** There is a patch of noxious weeds (Hoary crest) at the beginning of the access road. Lat/Long:37.69951,-105.20471



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**Photo 8.** The gate at the location is off the hinges.



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**Photo 9.** Facing south toward the location. There are numerous noxious weeds (Diffuse knapweed) in this area.



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