

# Stormwater Inspection

August 11, 2017

Operator: HIGHLANDS NATURAL RESOURCES CORPORATION- #10625

Location ID: 449920

Arapahoe County, CO

NESE Section 15 T5S R64W

Chris Binschus

Reclamation Specialist, COGCC



**COLORADO**

**Oil & Gas Conservation  
Commission**

Department of Natural Resources

Inspection Photos  
Location Name: Highlands /5-64 15-16 Pad  
Location ID: 449920



**Photo 1.** Photo taken just north of the culvert crossing, facing North. Sediment deposition observed from stormwater erosion along the access road. BMPs along the access road in need of maintenance.



**Photo 2.** Photo taken from the previous photo location, facing South. Sediment deposition observed from stormwater erosion along the access road. Need to control and stabilize this area of sediment deposition so it does not erode into the intermittent stream.

Inspection Photos  
Location Name: Highlands /5-64 15-16 Pad  
Location ID: 449920



**Photo 3.** Photo taken along the west-side of the culvert crossing, facing Southeast. Erosion (head cut) forming along the west-side of the culvert area. Need to stabilize and prevent erosion from occurring.



**Photo 4.** Photo taken along the west-side of the culvert crossing, facing West. Sediment deposition occurring along the outlet area. Maintenance required as this sediment could potentially discharge from the outlet area and contribute to sediment discharge into Box Elder Creek downstream.

Inspection Photos  
Location Name: Highlands /5-64 15-16 Pad  
Location ID: 449920



**Photo 5.** Photo taken north of the culvert crossing on the east-side of the main access road, facing North. BMPs in need of maintenance as the wattles are full of sediment.



**Photo 6.** Photo taken north of the culvert crossing on the west-side of the main access road, facing North. BMPs in need of maintenance as the wattles are full of sediment.