

Stormwater Inspection

November 3, 2017

Operator: K P KAUFFMAN COMPANY INC - 46290

Location ID: 320780

Arapahoe County, CO

NESE Section 6 T5S R63W

Chris Binschus
Reclamation Specialist, COGCC



COLORADO
Oil & Gas Conservation
Commission

Department of Natural Resources

Inspection Photos
Location Name: RRR&S
Location ID: 320780



Google Earth aerial imagery taken 6/14/2016 illustrating well location during operations. Two points of discharge were observed during the August 11, 2017 inspection along a portion of the access road and along the southeastern well location (highlighted in the red circles).

Inspection Photos
Location Name: RRR&S
Location ID: 320780



Photo 1. Photo taken September 7, 2017 from the eastern location where there was a previous gully erosion event, facing Northeast. Appears to Operator has repaired the erosion. Operator has installed wattle BMPs but BMP has not been properly installed and is not a sufficient BMP.



Photo 2. Photo taken November 3, 2017 from the previous photo location, facing North. Operator has not performed any further work to install sufficient BMPs. Portions of the wattle BMP have been damaged due to cattle.

Inspection Photos
Location Name: RRR&S
Location ID: 320780



Photo 3. Photo taken August 11, 2017 from the western location, facing Southwest. Rill erosion occurring throughout the cut slope contributing to sediment discharge off location. Cut slope needs to be stabilized to prevent erosion and stabilize the production area.



Photo 4. Photo taken November 3, 2017 from the previous photo location, facing Southwest. Does not appear the Operator has made repairs to the rill erosion along the cut slope. Does not appear the Operator has installed a BMP to prevent erosion and stabilize the production area.

Inspection Photos
Location Name: RRR&S
Location ID: 320780



Photo 5. Photo taken September 7, 2017 from the second discharge point off the main access road, facing North. Operator has installed wattle BMPs but BMP has not been properly installed and is not a sufficient BMP.



Photo 6. Photo taken November 3, 2017 from the previous photo location, facing North. Operator has not performed any further work to install sufficient BMPs. The wattle BMP has been damaged due to cattle and is not in proper functioning condition.