

Stormwater Inspection

August 11, 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 along a portion of the access road and along the southeastern well location (highlighted in the red circles). Also, List B Colorado Noxious weeds were observed throughout the main access road and well location.

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Photo 1. Photo taken of the Operator sign at location.



Photo 2. Photo taken from the southeastern well location, facing Northwest. Rill/gully erosion throughout the location that is causing sediment discharge off location.

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Photo 3. Photo taken from the discharge point, facing West. Gully erosion occurring this is causing sediment discharge off location. Also, a List B Colorado Noxious weed, Musk thistle, shown in this photo and was observed throughout the well location and access road.

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Photo 4. Photo taken from the discharge point, facing East. Gully erosion occurring this is causing sediment discharge off location. Also, a List B Colorado Noxious weed, Musk thistle, shown in this photo and was observed throughout the well location and access road.

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Photo 5. Photo taken 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 6. Photo taken from the northwestern 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.

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Photo 7. Photo taken from the second discharge point off the main access road, facing West. Photo illustrates rill erosion and sediment deposition.



Photo 8. Photo taken from a portion of the main access road, facing West. List B Colorado Noxious weeds, Musk thistle and Canada thistle, were observed throughout the main access road.