

Inspection Photos

05/11/2017

Operator: Bonanza Creek #8960

Location ID: 332428

Inspection Doc. Number: 682501987

Weld County, CO

NWSW Section 20 T5N R61W

Aaron Trujillo

Reclamation Specialist

COGCC



COLORADO
Oil & Gas Conservation
Commission
Department of Natural Resources

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Photo 1: Photo of GPS verifying location.

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Photo 2: Photo taken from the north end of the location, facing southeast. Photo shows reclamation area. Note location does not appear to be progressing. Gravel / road base still remaining on location and road. Green vegetation seen on pad cheat grass.



Photo 3: Photo taken from the north end of the location, facing southwest. Photo shows reclamation area. Note location does not appear to be progressing. Gravel / road base still remaining on location and road. Green vegetation seen on pad cheat grass.

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Photo 4: Photo taken from the location, facing. Photo shows gravel / road base still remaining on location. Green vegetation seen on pad cheat grass. 6 foot measuring stick for reference.



Photo 5: Photo taken from the location. Reclamation specialist tested location to see if compaction alleviation had been performed. Photo shows shovel was only able to penetrate soil ~2-3 inches before hitting a compaction zone.

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Photo 6: Photo taken from the location. Photo shows test pit dug by reclamation specialist to determine if compaction alleviation had been performed. Photo shows pit is ~20 inches deep.

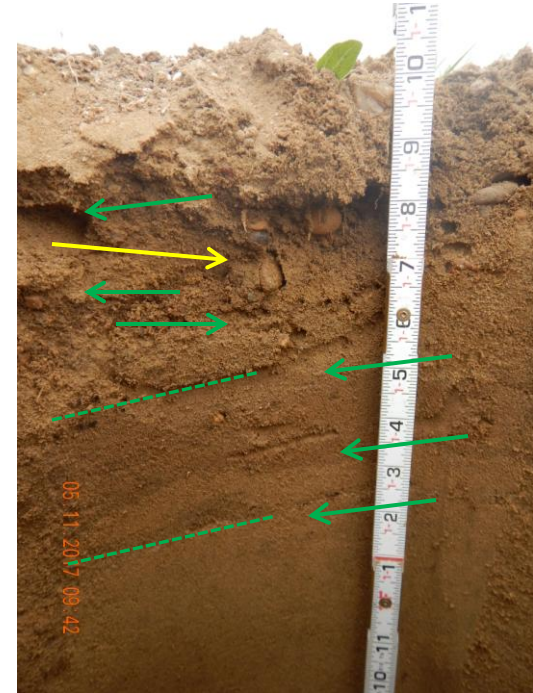


Photo 7: Photo shows test pit dug by reclamation specialist to determine if compaction alleviation had been performed. Photo shows road base can be found ~3-4 inches deep sub-surface (yellow arrow). Green line shows layer of subsoil where compaction has hindered water infiltration. Green arrows show multiple “platy” compaction layers

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Photo 8: Photo taken from the location. Reclamation specialist tested location to see if compaction alleviation had been performed. Photo shows shovel was only able to penetrate soil ~2-3 inches before hitting a compaction zone.



Photo 9: Photo shows a soil clod removed from the top 6-8 inches of the soil from the road. Photo shows "Platy" soil structures. Platy structures are thin, flat plates of soil that lie horizontally and are usually found in compacted soils. Yellow arrow seen points out some of the platy structures found.

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Photo 10: Photo shows a soil clod removed from the top 6-8 inches of the soil from the road. Photo shows “Platy” soil structures. Platy structures are thin, flat plates of soil that lie horizontally and are usually found in compacted soils. Yellow arrow seen points out some of the platy structures found.



Photo 11: Photo shows a soil clod removed from the top 6-8 inches of the soil from the road. Photo shows “Platy” soil structures. Platy structures are thin, flat plates of soil that lie horizontally and are usually found in compacted soils. Arrow shows a layer of compaction that has hindered root penetration.