

Inspection Photos

API: 05-041-06072

Operator: HILCORP ENERGY COMPANY

Inspection and Photo Date: 7/25/2019



COLORADO

**Oil & Gas Conservation
Commission**

Department of Natural Resources

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Inspection Photos



Photo 1. Facing east on the access road. Rock rip/rap can be seen in the drainage channel. There is desirable and undesirable weedy vegetation establishing in the drainage.



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Photo 2. The drainage channel extends far out into the pasture. This is additional disturbance caused by erosion. The channel needs to be recontoured to grade and reclaimed/reseeded. A proper sediment trap should be constructed to limit sediment discharge. This corrective action has not been completed. This photo depicts noncompliance of the corrective action.



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Photo 3. Standing out in the pasture facing northwest toward the road. The erosion channel has not been reclaimed and there is rock rip/rap scattered along the channel. This photo depicts noncompliance of the corrective action. There is desirable and undesirable weedy vegetation (shown by red arrow) establishing in the drainage.



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Photo 4. The two photos shown were taken on 5/12/2016 when erosion channel developed extending into the pasture which was previously undisturbed. The two previous photos 2 & 3, shows that this erosion channel/disturbance was never reclaimed.



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Photo 5. Rock rip/rap can be seen in the drainage channel. Rock check dams have been lowered to allow water flow. This photo depicts compliance of the corrective action. There is desirable and undesirable weedy vegetation establishing in the drainage.



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Photo 6. Rock check dams have been installed further up the road from the gate shown in photo 4. This photo depicts compliance of the corrective action.



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Photo 7. Facing west along the access road.



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Photo 8. The outlet culvert rock rip/rap has been lowered to allow sediment to settle and not restrict stormwater flow. This photo depicts compliance of the corrective action. There is desirable and some undesirable weedy vegetation.



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Photo 9. The outlet culvert rock rip/rap has been lowered to allow sediment to settle and not restrict stormwater flow. This photo depicts compliance of the corrective action.



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Photo 10. Geotextile was installed at the culverts outlet protection. This photo depicts compliance of the corrective action.



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Photo 11. Facing west along the access road.



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Photo 12. Vegetation is beginning to establish along the side of the access road where disturbance occurred. Rock check damns have been installed up gradient along the road. This photo depicts compliance of the corrective action.



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Photo 13. Facing south toward the reclaimed access road and location. Vegetation appears to be establishing. This photo depicts compliance of the corrective action. This photo depicts compliance of the corrective action, however this area needs to be monitored for successful revegetation.



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Photo 14. Wattles installed at the location have degraded and need to be removed or replaced.



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Photo 15. Facing north at the location. This area was reseeded and vegetation is establishing. This photo depicts compliance of the corrective action, however this area needs to be monitored for successful revegetation.



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Photo 16. Facing south toward the southern portion of the location. Standing at the subdivision road.



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Photo 17. Vegetation is well established at the southern portion of the location.



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Photo 18. Facing north at the southern portion of the location. This area was reseeded and vegetation is establishing. This photo depicts compliance of the corrective action, however this area needs to be monitored for successful revegetation.



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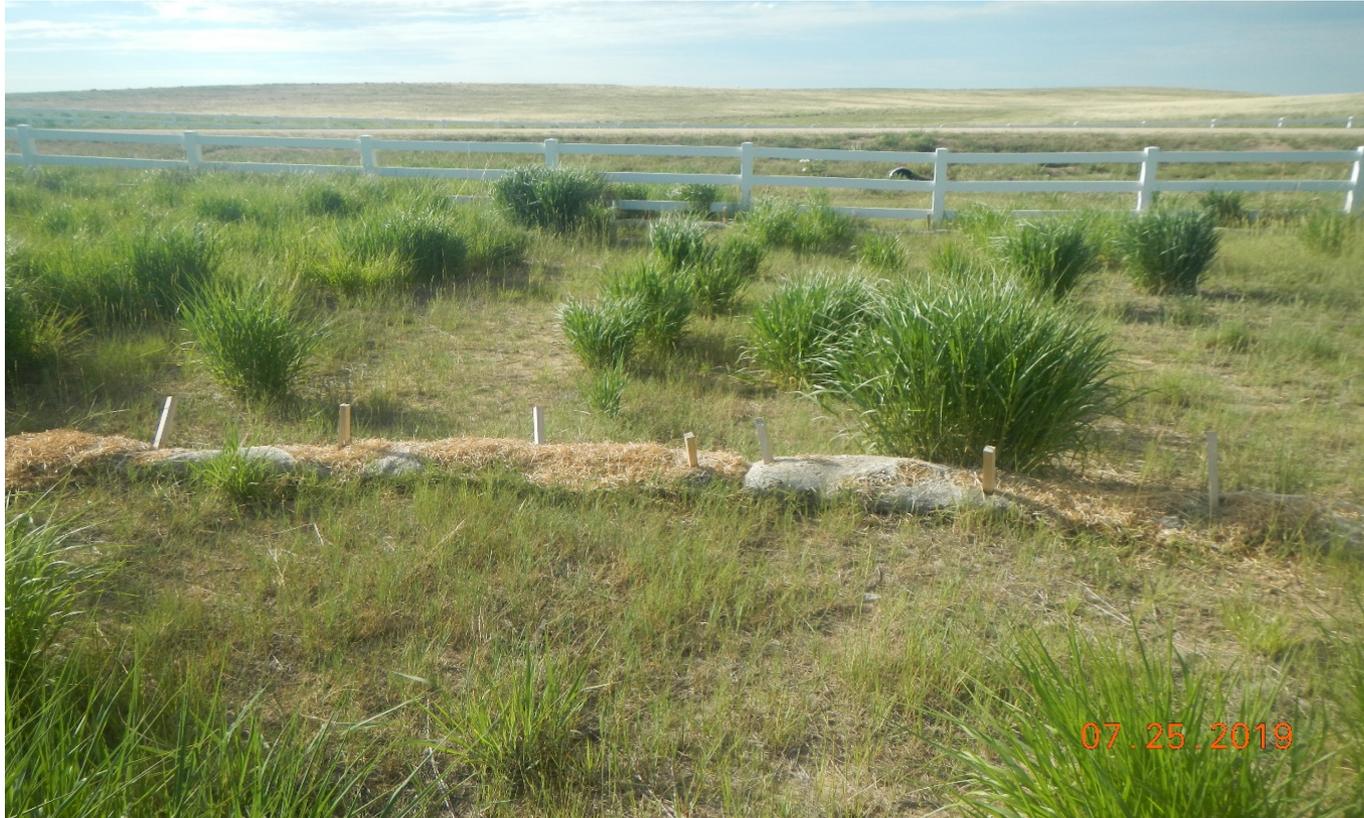


Photo 19. Wattles installed at the location have degraded and need to be removed or replaced.

