

Inspection Photos

API: 05-041-06072

Operator: HILCORP ENERGY COMPANY

Inspection and Photo Date: 11/25/2019



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**Oil & Gas Conservation
Commission**

Department of Natural Resources

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Photo 1. Facing east on the access road. Rock rip/rap check dams have been installed along the road since the previous inspection. The center of the check dams are at least 6 inches lower than the edges as required.



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Photo 2. Facing southeast toward the area of erosion which extended out into the pasture which was identified in the previous inspections. The erosion in the pasture has been reclaimed. Rock check dams and a sediment trap have been installed since the previous inspection.



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Photo 3. The sediment trap was not installed in accordance to good engineering practice. The depth of the spillway should be 1 ft. below the low point of the embankment.



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Photo 4. The sediment trap was not installed in accordance to good engineering practice. The arrow points to a 4'8" shovel placed in the sediment trap. The 3 sides of the sediment trap are vertical and per good engineering practice, should not be installed steeper than 2:1 slope.



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Photo 5. The erosion channel which extended out into the pasture has been reclaimed since the previous inspection. This photo depicts compliance of the corrective action.



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Photo 6. Facing northwest toward the road. Sediment trap is located where red arrow is shown. Rock check dams are installed further up along the road toward the gate.



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Photo 7. Rock rip/rap was installed along the road near the double gates. This photo depicts compliance of the corrective action.



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Photo 8. Facing west along the access road.



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Photo 9. Facing west along the access road . There are culverts at this area of the road with inlet and outlet protection installed shown by red arrows. This photo depicts compliance of the corrective action.



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Photo 10. Vegetation is beginning to establish along the side of the access road where seeding was performed during previous growing season. This area has not met the revegetation standard and needs to be monitored for successful revegetation.



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Photo 11. Facing south toward the reclaimed access road and location.



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Photo 12. Wattles installed at the location have degraded and need to be removed or replaced. The left photo shows the wattles in the previous inspection on 7/25/2019. The right photo taken 11/25/2019 shows the same degraded wattles remain. The photos depict noncompliance of the corrective action.



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Photo 13. Facing southwest at the location. Vegetation is beginning to establish in this area where seeding was performed during previous growing season. This area has not met the revegetation standard and needs to be monitored for successful revegetation.



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Photo 14. The degraded wattles have not been removed since the previous inspection. The photo depicts noncompliance of the corrective action.



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Photo 15. Vegetation is well established at the southern portion of the location.



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Photo 16. Facing northwest 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 17. Facing west toward the undisturbed reference area.

