

APACHE CANYON 17-13 API# 05-071-06340 – TIMBER CREEK
OGCC OPERATOR NUMBER 10672 - DATE: SEPTEMBER 30, 2019
CORRECTIVE ACTIONS COMPLETED REGARDING COGCC FIR DOCUMENT # 689901228



Photo 1: There is a large arroyo that intercepts the bar ditch. A culvert was installed to receive the run on from the arroyo. This will reduce the amount of run off flowing down the bar ditch.

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Photo 2: Culvert installed and the arroyo lined with rip rap to diffuse energy.

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Photo 3: Culvert installed and the arroyo lined with rip rap.

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Photo 4: The culvert outlet was armored to prevent erosion from run off.

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Photo 5: (3) Rock socks were placed in the bar ditch to filter out sediment during periods of run off.

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Photo 6: A sediment trap was installed at the end of the bar ditch where run off is directed to a call out. The sediment trap will allow time for the sediment to drop out from run off. Rock was installed to dissipate energy and stabilize the soil. Turf reinforcement mats were installed below the sediment trap where run off is concentrated to control erosion. Erosion control blankets were installed for soil stabilization, where run off would sheet flow. An approved CPW seed mix was hand broadcast to promote the establishment of vegetation.

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OGCC OPERATOR NUMBER 10672 - DATE: OCTOBER 07, 2019
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Photo 7: The rock check dams were removed from the bar ditch. The channelized area of the ditch was reshaped into a parabolic shape. A culvert was installed up gradient of this area to reduce the amount of run off the bar ditch would receive.

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Photo 8: The rock check dams were removed from the bar ditch. The channelized area of the ditch was reshaped into a parabolic shape. A culvert was installed to reduce the amount of run off the bar ditch would receive down gradient of the culvert. Erosion control blankets were installed for soil stabilization where the earth was disturbed. An approved CPW seed mix was hand broadcast to promote the establishment of vegetation.

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Photo 9: Rip rap was installed in the portion of the bar ditch that was steep to dissipate energy from runoff.