

**Inspection Photos**  
**Operator: Ausco Petroleum Inc.**  
**Location/API #: 043-06231**  
**Date: 2/26/2019**



Photo 1. View of the project area from the northeastern corner facing center. Berms contain vegetation and are likely comprised of topsoil.



Photo 2. View of the eastern portion of the project area from the northeastern corner facing southward. Wattles are not properly installed due to lack of trenching, and gaps along the boundary remain.



Photo 3. View of the southeastern edge of the project area from the eastern edge facing southward. Wattles are not properly placed as loose soil down slope from wattles needs stabilization, and wattles are not properly installed (see Photo 2). Arrows indicate improperly salvaged and protected topsoil.



Photo 4. View of the eastern project area from the southeastern corner facing southward. Berms appear to be comprised of topsoil and are not properly installed. Controls in place do not appear to be sufficient to control stormwater from the location.



Photo 5. View of sediment trap run-on control, in the southeastern project area; recently redesigned. However, sediment trap has not been properly constructed due to the use of rounded cobble which is not considered a good engineering practice. It is expected that stormwater flows will undermine the cobble material. Angular rock and geotextile fabric should be used per good engineering practices.



Photo 6. View of the western project area from the southwestern edge facing northward. Berms are not properly compacted and ditches are not stabilized. Loose soil within ditch bed will rapidly wash down gradient.



Photo 7. View of southern project area from the southeastern corner facing westward. Check dams not properly installed, or with the best engineering materials. Loose material remains in the ditch.



Photo 8. View of ditch within the western project area. Cut bank, berms and ditch bottom are not stabilized or properly installed.



Photo 9. View of the northwestern project area from the northwestern corner facing eastward. As described above, diversion not properly stabilized or properly installed.



Photo 10. View of sediment trap within the northern project area. See comments on Photo 5.



Photo 11. View of staging area north of the well pad that will need revegetation. All areas disturbed by oil and gas operations will require reclamation per reclamation rules.



Photo 12. View of culvert inlet facing northward, downstream. Culvert is approximately 3 feet above ground elevation and not properly constructed for a stream crossing.



Photo 13. View of culvert outlet facing southward, upstream. Culvert outlet is partially blocked with rock and soil. Head-cut that is approximately 3 feet tall and 3.5 feet wide will need stabilization as concentrated stormwater flows from the culvert will likely accelerate erosion. Stream crossing has not been properly constructed see Photo 12.



Photo 14. View of wattles and straw placed in the northern project area. Wattles and BMP are not properly installed.