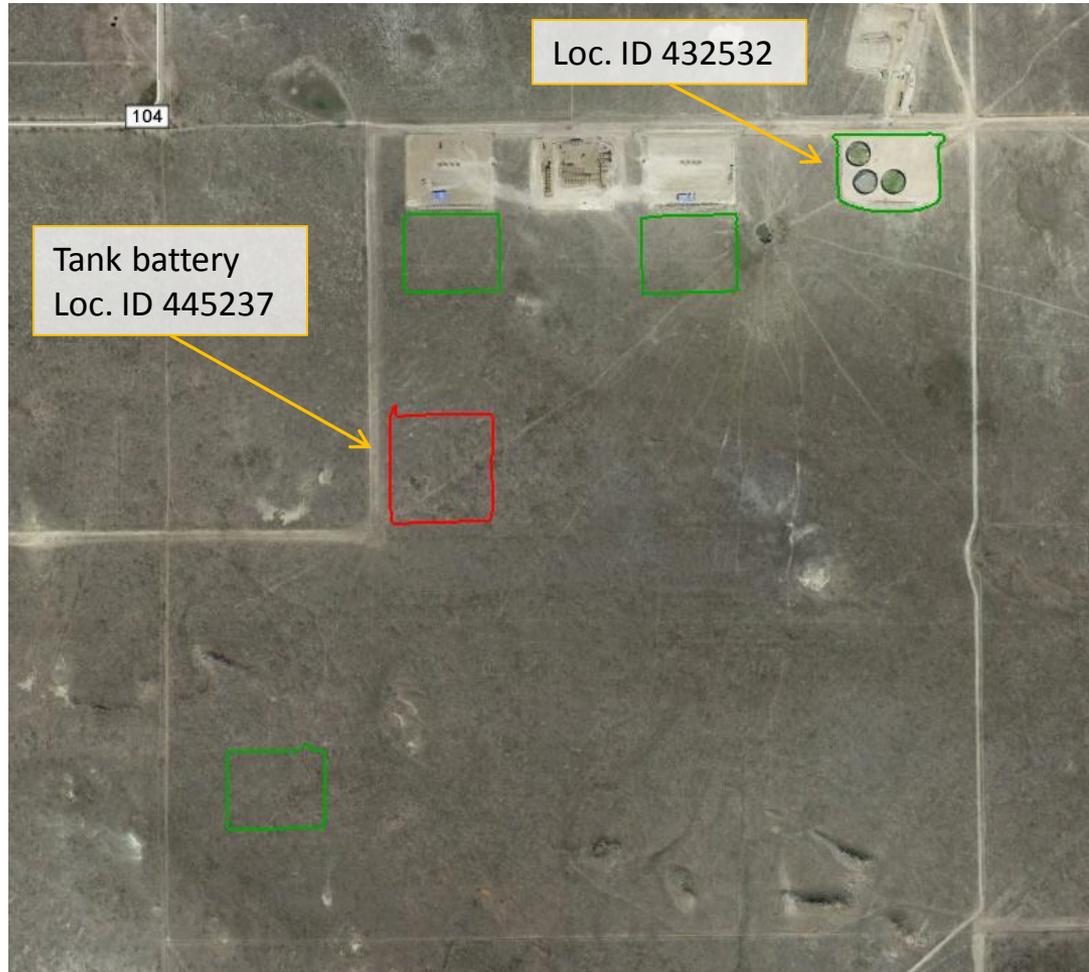


Location Overview



Google Earth aerial photo taken 9/7/2013 of the LC24-01 location highlighted in green. Total area of 7.3 acres was mapped using a Trimble Juno 3B handheld device. Tank battery servicing the well location highlighted in red.

Stormwater Inspection



Photo 1. Photo taken from eastern location, facing North. A berm approximately 10"-12" constructed of road base installed along the east, south, and west pad perimeter. An outer perimeter ditch installed along the east, south and west pad perimeter.

Stormwater Inspection



Photo 2. Photo taken from eastern location, facing North. Ditch approximately 8-12” in depth installed along the eastern perimeter is filling in with sediment. Berm appears to be spread out and not apparent along the western perimeter.

Stormwater Inspection



Photo 3. Photo taken from the southeast location, facing South. Wattles have been installed along the southeast pad corner with a sediment trap to the outer perimeter. Appears wattles may be used to filter storm runoff before entering the sediment trap which is not the proper use. See inspection for more details.

Stormwater Inspection



Photo 4. Photo taken from the southeast sediment trap. Sediment trap approximately 4'x4'x2.5' with filter socks. Sediment trap is about 1/3 filled in with sediment.

Stormwater Inspection



Photo 5. Photo taken from the southeast location, facing West. Ditch and berm installed along the southern location. Unconsolidated berm has been sprayed with a tackifier. May need additional stabilization along portions of the berm.

Stormwater Inspection



Photo 6. Photo taken from the southern location, facing North, towards the topsoil stockpile. Tackifier applied to the topsoil stockpile. May need additional stabilization on the top of the stockpile where it is susceptible to wind erosion.

Stormwater Inspection



Photo 7. Photo taken from southwest location, facing North. Sediment trap approximately 3'x3'x2' with rock socks.

Stormwater Inspection



Photo 8. Photo taken from the southwest location, facing North. Wattles have been installed along the southwest pad corner in conjunction with a 12" berm along the pad perimeter. Appears wattles may be used to filter storm runoff before entering the sediment trap which is not the proper use. See inspection for more details.

Stormwater Inspection



Photo 9. Photo taken from western location, facing North. Ditch approximately 8-12” in depth installed along the western perimeter. Berm appears to be spread out and not apparent along the western perimeter.

Stormwater Inspection



Photo 10. Photo taken from northwest location, facing South. Sediment trap approximately 4'x4'x2' with filter socks. A berm approximately 10"-12" constructed of road base installed along the west pad perimeter.