

Reclamation and Stormwater Inspection

August 17, 2017

Operator: NOBLE ENERGY INC- #100322

Location ID: 445191

Weld County, CO

NENE Section 15 T9N R59W

Chris Binschus
Reclamation Specialist, COGCC



COLORADO
Oil & Gas Conservation
Commission

Department of Natural Resources

Inspection Photos
Location Name: LC15-01 /Pad
Location ID: 445191

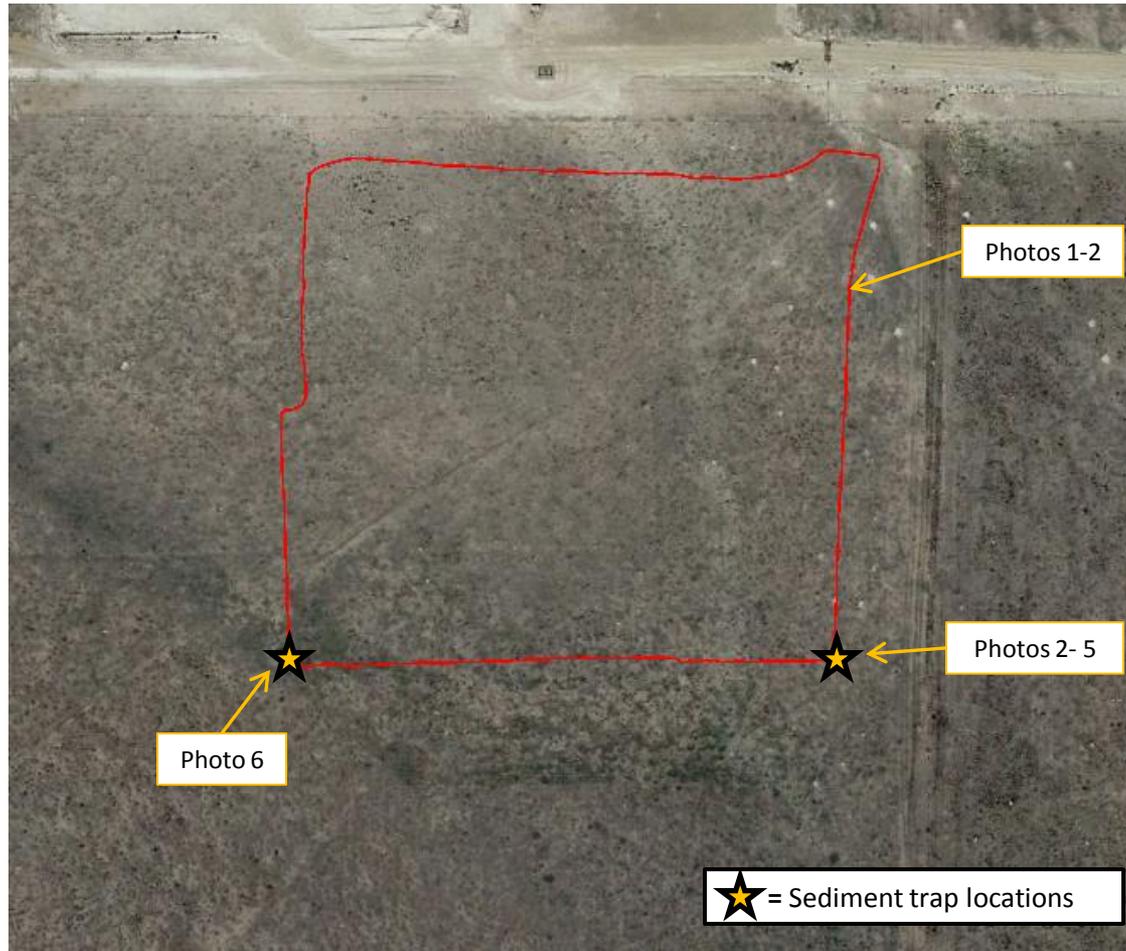


Photo reference points to help illustrate approximate locations of the subject photo.

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Photo 1. Photo taken from the eastern pad on top of the topsoil stockpile, facing North. Stormwater crew out cleaning perimeter ditches and cattle guard maintenance being performed as well.

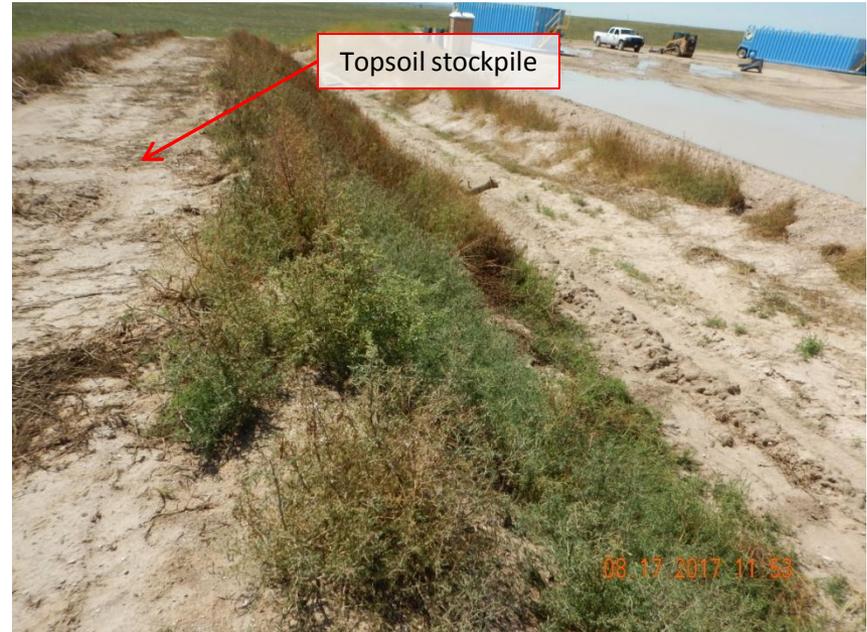


Photo 2. Photo taken from the eastern pad on top of the topsoil stockpile, facing South. Appears topsoil has been used to build stormwater berms.

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Photo 3. Photo taken from the southeastern location, facing North. Photo illustrates stormwater ditch and berm that was likely created from using topsoil material. The ditch has been installed to allow stormwater runoff to flow off the production pad into the stormwater management area.



Photo 4. Photo taken from the southeast location, facing East. Appears the Operator has enlarged the sediment trap size and embankment berms. Embankment berms may have been built out of topsoil material.

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Photo 5. Photo taken from the southeastern location, facing North. Photo illustrates surface roughening installed along the eastern perimeter of the location. Embankment berms may have been built out of topsoil material.



Photo 6. Photo taken from the southwest location, facing North. Appears the Operator has enlarged the sediment trap size and embankment berms. Also, appears the Operator has installed surface roughening along the southern and western areas. Embankment material and embankment construction does not appear to be sufficiently compacted.