

Reclamation and Stormwater Inspection

July 11, 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



Overview of Location ID 445191 with total area of 6.44 acres mapped using a Trimble Juno 3B handheld device on July 11, 2017. The star indicates the approximate sediment trap locations. Perimeter of the location was mapped and highlighted in red. Blue circles indicate a discharge was observed.

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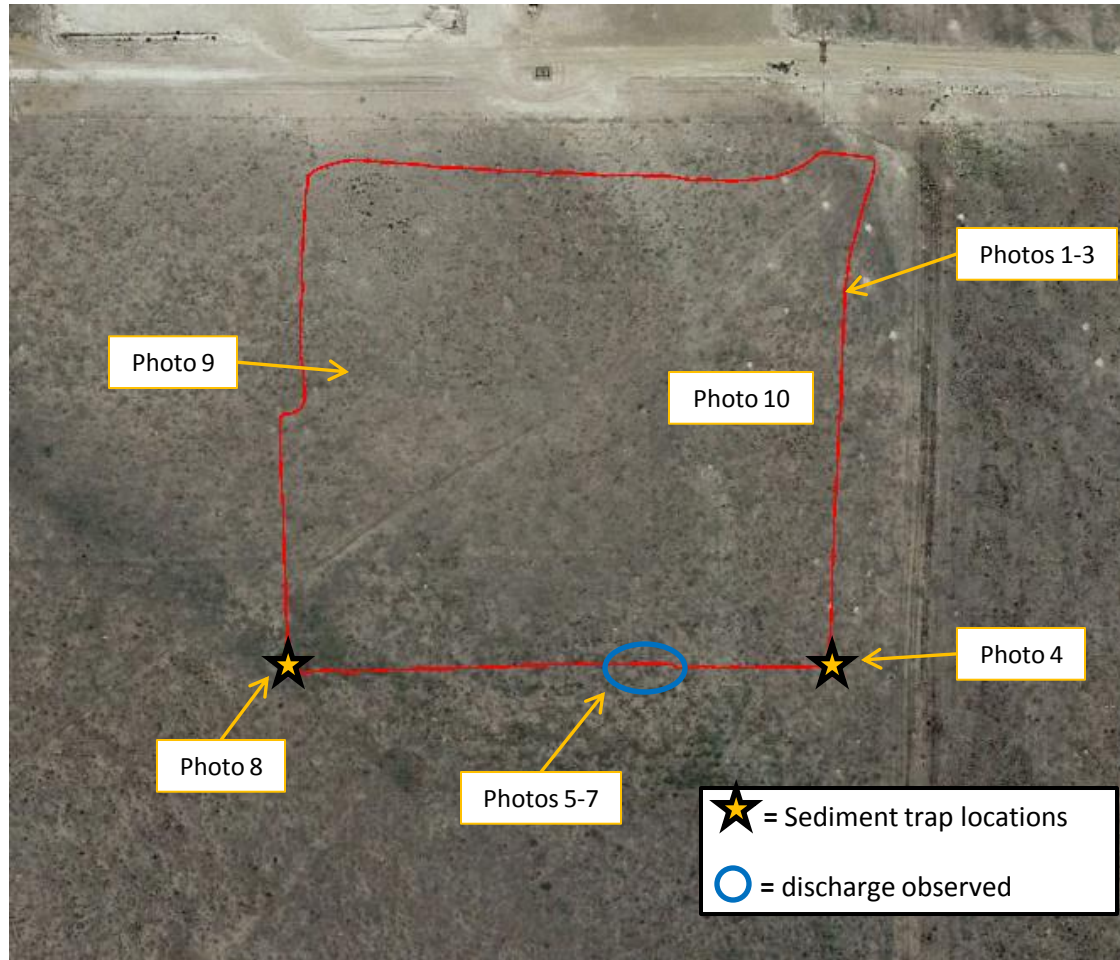


Photo reference points to help illustrate approximate locations of the subject photo.

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Photo 1. Photo taken from the eastern pad on top of the topsoil stockpile, facing South. Topsoil stockpiles have predominately Russian thistle growth and Kochia growth which is not in compliance with Rule 1002.c. and Rule 1003. Hydromulch application was observed on the topsoil stockpile but is only a temporary BMP.



Photo 2. Photo taken from the eastern pad by the topsoil stockpile, facing South. Topsoil stockpiles were left with steep sides making it difficult to seed into for long-term stabilization and to prevent weed establishment.

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Photo 3. Photo taken from the eastern perimeter of the location facing South. Ditch and berm BMP installed along the entire perimeter of the location.



Photo 4. Photo taken from the southeast location, facing West. Sediment trap size was measured at ~6'x6'x2' (width x length x depth= 72ft³) with filtrex at the overflow point of the trap.

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Photo 5. Photo taken from the southern perimeter of the location, facing North. Appears repairs have been conducted based off lack of vegetative growth, recent hydromulch application, and evidence of sediment discharge beyond the perimeter ditch and berm BMP.



Photo 6. Photo taken from the previous photo location, facing East. Photo illustrates stormwater runoff appears to be washing sediment over the ditch and berm BMP off location. Refer to photo 7 for more detail.

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Photo 7. Close up photo taken from the southern perimeter of the location, illustrating stormwater runoff appears to be washing sediment over the ditch and berm BMP off location.

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Photo 8. Photo taken from the southeast location, facing West. Sediment trap size was measured at ~6'x6'x2' (width x length x depth= 72ft³) with filtrex at the overflow point of the trap.



Photo 9. Photo taken from the western perimeter of the location, facing North. Cut slope appears to be stabilized with hydromulch but is only a temporary BMP.

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Photo 10. Photo taken from the eastern pad, facing South. A berm ~18" has been constructed along the west, east and south pad perimeter, but does not appear to be properly compacted.