

Inspection Photos

09/07/2018

Operator: NOBLE ENERGY INC - 100322

Location ID: 456690

Inspection Doc. Number: 682503854

Weld County, CO

Aaron Trujillo
NE Reclamation Specialist
COGCC



Photo 1: Photo taken from the northwest corner of the location, facing east. Photos 1-3 provide an overview of the location from east to south.



Photo 2:



Photo 3:



Photo 4: Photo taken from the northwest corner of the pad. Photo shows the topsoil horizon. Topsoil horizon appears to be ~2 feet in depth. 6 foot measuring stick for reference.

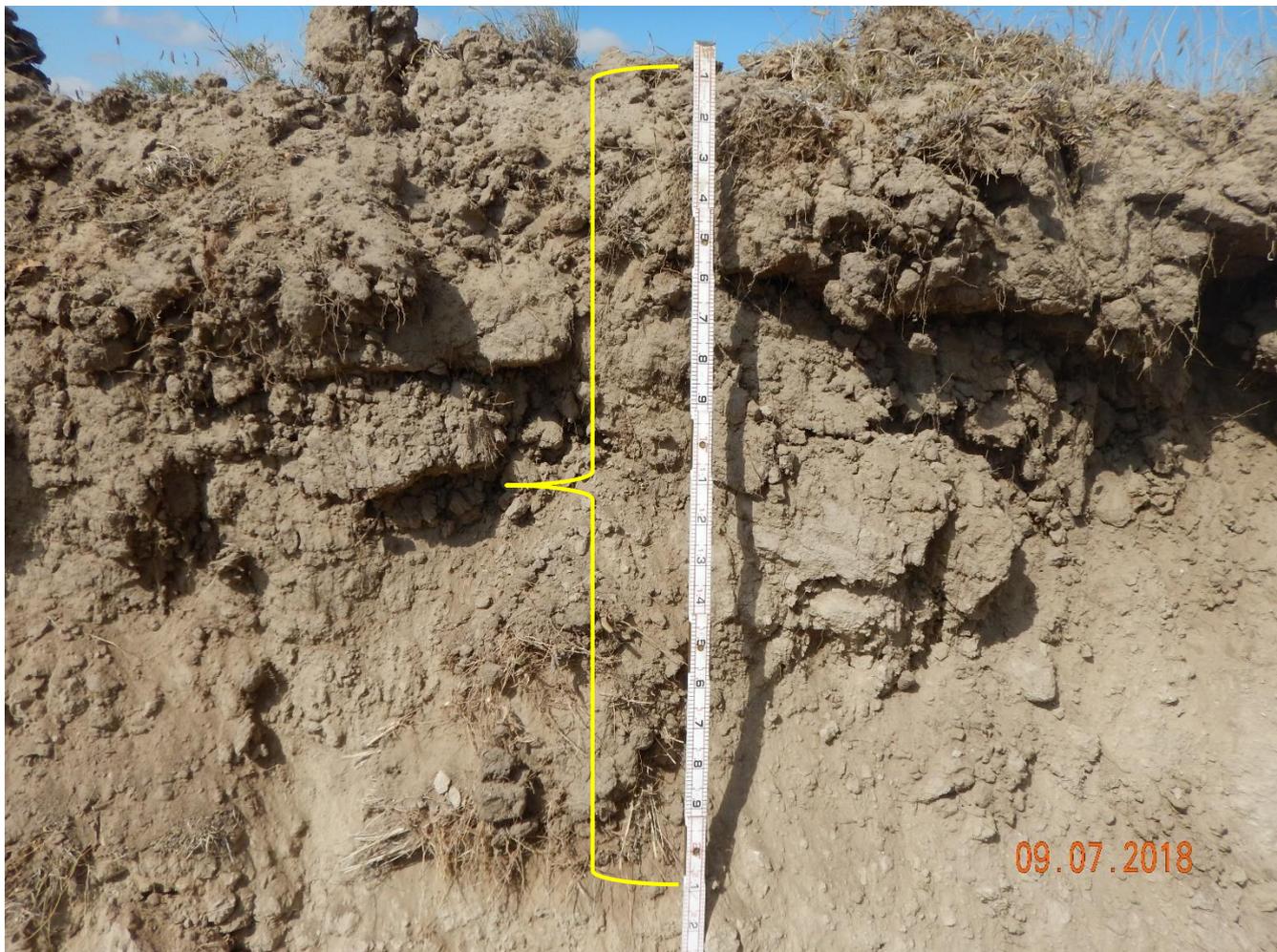


Photo 5: Continued from photo 4. Photo shows the topsoil horizon. Topsoil horizon appears to be ~2 feet in depth. 6 foot measuring stick for reference.



Photo 6: Photo taken from the southwest corner of the location, facing north. Photo shows operator appears to have implemented wattles and surface roughening as stormwater and erosion control BMPs



Photo 7: Photo taken from the southwest corner of the location, facing east. See comments under photo 6



Photo 8: Photo taken from the south end of the location. Photo shows wattle. Wattles have been laid directly upon the soil surface and have not been trenched and back-filled in accordance with good engineering practices; BMP is not in proper functioning condition.



Photo 9: Photo taken from the south end of the location. Photo shows surface roughening BMP along perimeter.

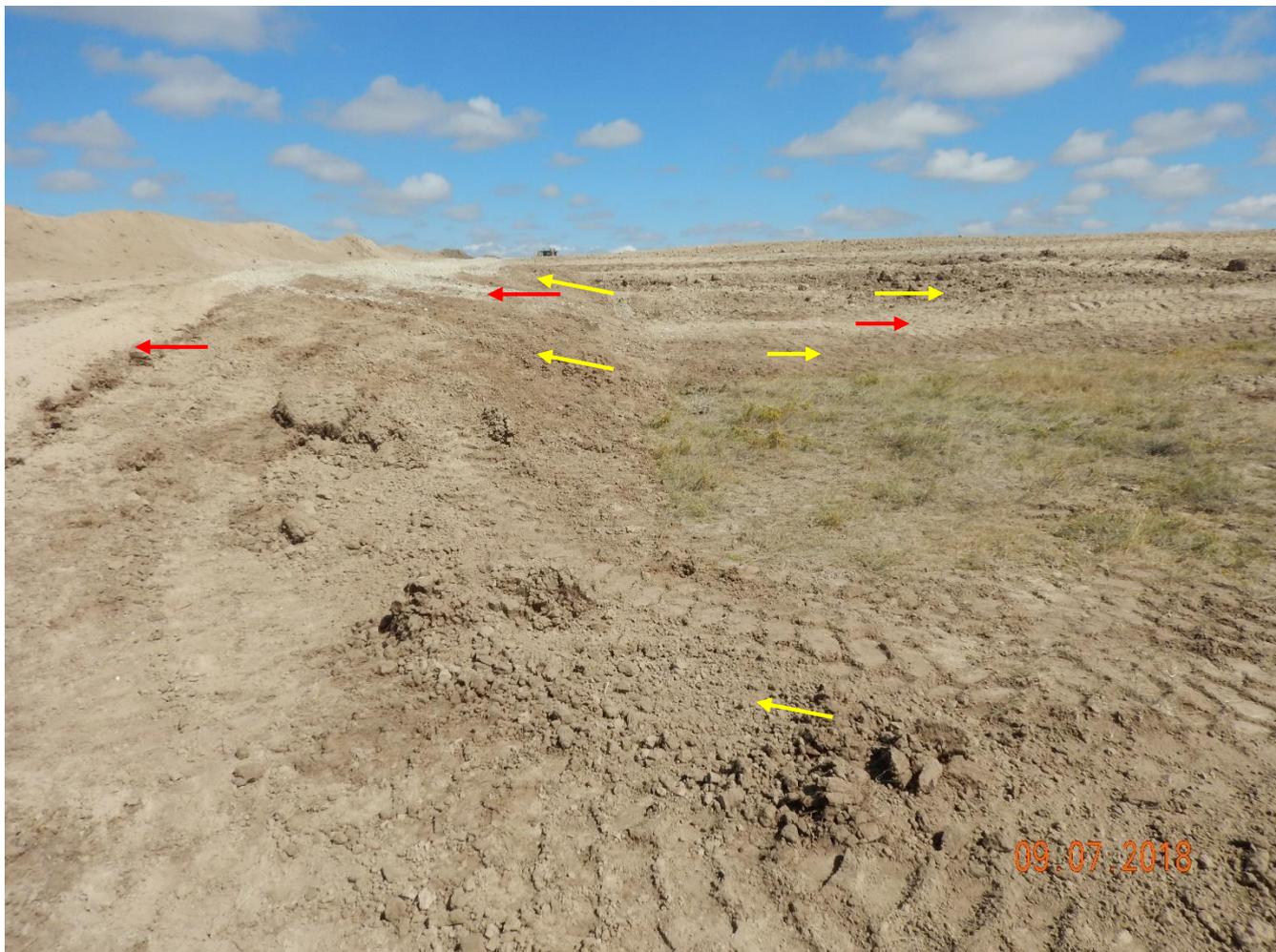


Photo 10: Photo taken from the southwest end of the pad. Photo shows construction in process. It does not appear as though soil salvage has been conducted on this section of the location. Additionally, It is unclear how the horizons are being separated as topsoil (dark soils, yellow arrow) appears to be mixing with subsoils (Light, red arrow). TOPSOIL APPEARS TO BE BEING USED AND INCORPORATED AS FILL MATERIAL.



Photo 11: Photo taken from the northeast corner of the location, facing west.



Photo 12: Photo taken from the northeast corner of the location, facing north. Photo shows topsoil stockpile for the location. Contractors performing soil salvage and construction indicate that "~4-6 inches of topsoil" was salvaged and stored on the southeast end of the location. It does not appear as though sufficient topsoil salvage has been conducted on the location.



Photo 13: Photo taken from the southeast corner of the pad, facing west. Photo shows unsalvaged topsoil appears to remain on the pad.



Photo 14: Photo taken from the southeast corner of the pad, facing south. Photo shows contractor scraping soil. Un-salvaged topsoil appears to remain on the pad. Upon contacting contractor operator scraper, inspector was told that topsoil salvage activities have been completed, and that no additional topsoil salvage was planned. Contractor was currently scraping soils to be used as fill material; IT APPEARS AS THOUGH TOPSOIL IS BEING USED AND INCORPORATED AS FILL MATERIAL. SEE PHOTO 10



Photo 15: Photo taken from the northern area of the pad, facing south. Photo shows unsalvaged topsoil appears to remain on the pad.. It was observed that the scraper collected soils (photo 14) from areas of the pad for fill material on the southern end of the location; it appears as though topsoil is being incorporated with subsoils as fill material. See comments under photo 13 and 14



Photo 16: Photo taken from the east of the location, facing west. Photo shows access road.

Inspection Photos
Operator: NOBLE ENERGY INC - 100322
Location ID: 456690



Photo 17: Photo taken from the east of the location, facing east. Photo shows access road construction in process.