

Inspection Photos

01/17/2018

Operator: BEREN CORPORATION - 7800

Location ID: 317052

Inspection Doc. Number: 682503092

Washington County, CO

Aaron Trujillo
NE Reclamation Specialist
COGCC

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Photo 1: Photo taken from the southwest end of the location, facing north. Photos 1-3 provide overview of the reclamation area. Yellow-dotted line represents the perimeter of the location, with the location in the foreground, and the reference areas in the background.



Photo 2: Photo taken from the southwest end of the location, facing northeast.



Photo 3: Photo taken from the southwest end of the location, facing east. There is an abundance of rocky material densely, and uniformly distributed throughout the location. Rock material in the reference area is extremely minimal when compared to the disturbance. Yellow-dotted line represents the perimeter of the location, with the location in the foreground, and the reference areas in the background.



Photo 4: Photo taken from the southwest end of the location, facing southwest. Photo shows the adjacent reference areas. Note that though similar rock material is evident in the reference areas, it is not nearly as abundant, or as densely concentrated as it is on the location; the abundance of rocks is immediately evident upon accessing the location, is uniform throughout, and does not appear to be a natural when compared to the adjacent reference areas.



Photo 5: Photo taken from the location, facing east. Photo of the start point for the disturbance area germination quadrat survey.



Photo 6: Photo taken from the 50th point of the disturbance area germination quadrat survey, facing south. Yellow-dotted line represents the perimeter of the location, with the location in the foreground, and the reference areas in the background.

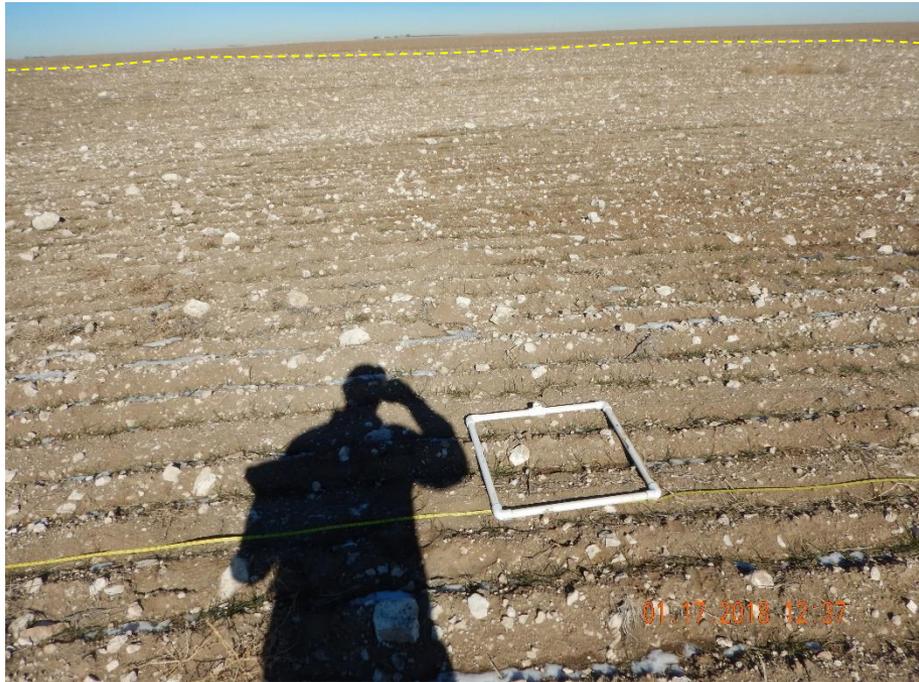


Photo 7: Photo taken from the 50th, point of the disturbance area germination quadrat survey, facing south. Yellow-dotted line represents the perimeter of the location, with the location in the foreground, and the reference areas in the background.



Photo 8: Photo of the 50th, point of the disturbance area germination quadrat survey.



Photo 9: Photo taken from the location, facing east. Photo of the end point for the disturbance area germination quadrat survey. Yellow-dotted line represents the perimeter of the location, with the location in the foreground, and the reference areas in the background.



Photo 10: Photo taken from the well on location. Photo shows subsidence concerns remain evident. 6 foot measuring stick (arrow) for reference. Subsidence will need to be repaired.



Photo 11: Photo taken from the southeast end of the location. Photos shows area of oil-stained soils observed on location.



Photo 12: Photo taken from the east end of the location, facing north. Yellow-dotted line represents the perimeter of the location, with the location in the foreground, and the reference areas in the background.



Photo 13: Photo taken from the east end of the location, facing northwest. Yellow-dotted line represents the perimeter of the location, with the location in the foreground, and the reference areas in the background.



Photo 14: Photo taken from the southeast end of the location, facing west. Yellow-dotted line represents the perimeter of the location, with the location in the foreground, and the reference areas in the background.



Photo 15: Photo taken from the east end of the location, facing southeast. Photo shows possible erosion concerns from the location.



Photo 16: Photo taken from the east end of the location, facing southeast. Photo shows possible erosion concerns from the location.



Photo 17: Photo taken from the reference area, facing west. Photo of the start point for the reference area germination quadrat survey. Note that though similar rock material is evident in the reference areas, it is not nearly as abundant, or as densely concentrated as it is on the location; the density of rocks is immediately evident upon accessing the location, is uniform throughout, and does not appear to be a natural occurrence.



Photo 18: Photo taken from the 50th point of the reference area germination quadrat survey, facing south.



Photo 19: Photo taken from the 50th point of the reference area germination quadrat survey, facing north.



Photo 20: Photo taken from the 50th point of the reference area germination quadrat survey



Photo 21: Photo taken from the reference area, facing east. Photo of the end point for the reference area germination quadrat survey.



Photo 22: 2006 aerial imagery. Photo shows over-view of the location prior to the plugging and abandonment. Photo also shows areas to the east of the location where erosion concerns were noted.



Photo 23: Current available aerial imager (2016) showing the location after plugging and abandonment. Disturbance area is ~ 2.24 acres in size. Note the lighter coloration of the location is due to the abundance of rocky material observed on site.



Photo 24: 1953 aerial imagery. Well was spud 1955. Photo shows area of the location prior to oil and gas activities. Note the heavy concentrations of rock material observed on site and in previous photos are not evident.