

Interim Reclamation Inspection

April 14, 2017

Operator: KERR MCGEE OIL & GAS ONSHORE LP #47120

Location ID: 438023

Weld County, CO

NWSE Section 36 T4N R66W

Chris Binschus
Reclamation Specialist, COGCC



COLORADO
Oil & Gas Conservation
Commission

Department of Natural Resources

Inspection Photos

Location Name: DEJANE STATE TANK BATTERY /2N-36HZ

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Google Earth aerial imagery taken September 7, 2016 illustrating the flowline area and well pad that are the subject areas for this follow up interim reclamation inspection (outlined in the green dashed line). Approximate locations of each germination assessment (red star) .

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Photo 1. Photo taken from the eastern, east flowline area, facing West. Germination apparent throughout this area and appears to have uniform germination.



Photo 2. Photo taken from the previous photo location, facing East. Germination apparent throughout this area and appears to have uniform germination.

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Photo 3. Photo taken from the southeastern, east flowline area, facing South. Germination apparent throughout this area and appears to have uniform germination.



Photo 4. Photo taken from the previous photo location, facing East. Germination apparent throughout this area and appears to have uniform germination.

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Photo 5. Photo taken from the southern, east flowline area, facing Southwest. The obvious green grass seedlings observed in this photo are likely cool season species; whereas, the warm season grass species are harder to observe but still apparent. Sandbur was observed in higher abundance along this area.



Photo 6. Photo taken from the southwest, east flowline area, facing East. The obvious green grass seedlings observed in this photo are likely cool season species; whereas, the warm season grass species are harder to observe but still apparent. Sandbur was observed in higher abundance along this area.

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Photo 7. Photo taken from the northwest, east flowline area, facing South. The obvious green grass seedlings observed in this photo are likely cool season species; whereas, the warm season grass species are harder to observe but still apparent. Sandbur was observed in higher abundance along this area.



Photo 8. Photo taken from the previous photo location, facing East. The obvious green grass seedlings observed in this photo are likely cool season species; whereas, the warm season grass species are harder to observe but still apparent. Sandbur was observed in higher abundance along this area.

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Photo 9. Photo taken from the east, west flowline area, facing South. The obvious green grass seedlings observed in this photo are likely cool season species. Germination was not as apparent along this area and sandbur was observed along this area.



Photo 10. Photo taken from the previous photo location, facing North. The obvious green grass seedlings observed in this photo are likely cool season species. Germination was not as apparent along this area and sandbur was observed along this area.

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Photo 11. Photo taken from the eastern, west flowline area, facing West. The obvious green grass seedlings observed in this photo are likely cool season species; whereas, the warm season grass species are harder to observe but still apparent.



Photo 12. Photo taken from the southeastern, west flowline area, facing West. The obvious green grass seedlings observed in this photo are likely cool season species; whereas, the warm season grass species are harder to observe but still apparent. Sandbur was observed in higher abundance along this area.

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Photo 13. Photo taken from the central, west flowline area, facing West. The obvious green grass seedlings observed in this photo are likely cool season species; whereas, the warm season grass species are harder to observe but still apparent.



Photo 14. Photo taken from the previous photo location, facing Northwest. The obvious green grass seedlings observed in this photo are likely cool season species; whereas, the warm season grass species are harder to observe but still apparent.

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Photo 15. Photo taken from the previous photo location, facing North. The obvious green grass seedlings observed in this photo are likely cool season species; whereas, the warm season grass species are harder to observe but still apparent.



Photo 16. Photo taken from the previous photo location, facing Northeast. The obvious green grass seedlings observed in this photo are likely cool season species; whereas, the warm season grass species are harder to observe but still apparent.

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Photo 17. Photo taken from the north central, west flowline area, facing West. Germination does not appear apparent in this photo but germination was observed throughout this area.



Photo 18. Photo taken from northwestern, west flowline area, facing West. Germination does not appear apparent in this photo but germination was observed throughout this area.

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Photo 19. Photo taken from the start of transect Location #1: 40.26850, -104.72856 @263°, facing West. A total of 224 grass seedling species were detected during the assessment along this transect.



Photo 20. Photo taken from the end of transect Location #1, facing East.

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Photo 21. Photo taken from the 50 foot mark along the right side of transect Location #1. A total of 21 seedling grass species were counted inside the quadrat sampling area.



Photo 22. Photo taken from the 50 foot mark along the left side of transect Location #1. A total of 15 seedling grass species were counted inside the quadrat sampling area.

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Photo 23. Photo taken from the start of transect Location #2: 40.26824, -104.72781 @295°, facing Northwest. A total of 250 grass seedling species were detected during the assessment along this transect.



Photo 24. Photo taken from the end of transect Location #2, facing Southeast.

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Photo 25. Photo taken from the 50 foot mark along the right side of transect Location #2. A total of 14 seedling grass species were counted inside the quadrat sampling area.



Photo 26. Photo taken from the 50 foot mark along the left side of transect Location #2. A total of 16 seedling grass species were counted inside the quadrat sampling area.

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Photo 27. Photo taken from the start of transect Location #3: 40.26701, -104.72720 @126°, facing Southeast. A total of 239 grass seedling species were detected during the assessment along this transect.



Photo 28. Photo taken from the end of transect Location #3, facing Northwest.

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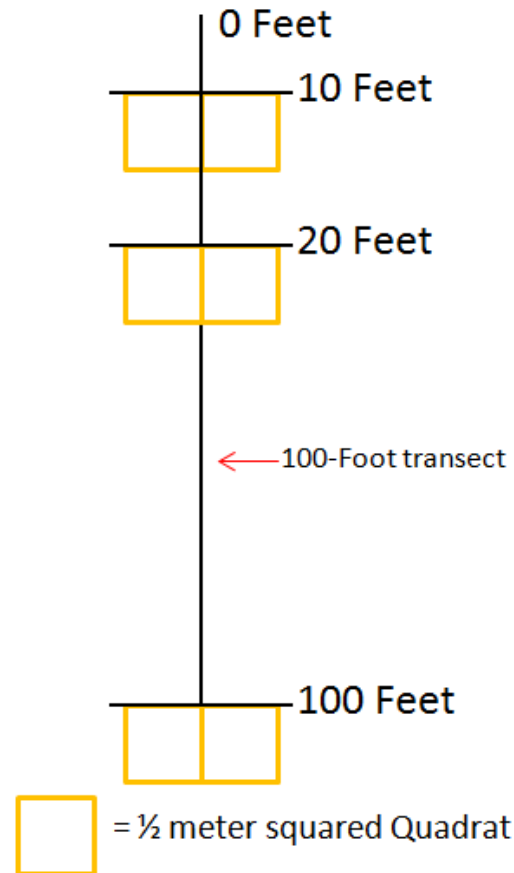


Photo 29. Photo taken from the 50 foot mark along the right side of transect Location #3. A total of 10 seedling grass species were counted inside the quadrat sampling area.



Photo 30. Photo taken from the 50 foot mark along the left side of transect Location #3. A total of 7 seedling grass species were counted inside the quadrat sampling area.

Diagram- Seedling Germination Sampling Methodology



Note- this is not to scale. This describes the methodology that was used to assess seedling germination that was performed along representative area of the subject area. Stretch a 100-foot transect to the desired compass bearing. Lay 1/2 meter squared quadrat at the first 10-foot mark, either on the left or right side of the transect line (need to count seedling germination on both sides of the transect line). Conduct this measurement every 10 feet to the end of the 100-foot transect line, totaling 20 quadrat measurements.