

Interim Reclamation and Stormwater Inspection

January 9, 2019

Operator: BONANZA CREEK ENERGY OPERATING COMPANY LLC - #8960

Location ID: 450201

Inspection Document #: 682404416

Weld County, CO

NENE Section 10 T3N R63W

Chris Binschus
Reclamation Specialist, COGCC



COLORADO
Oil & Gas Conservation
Commission

Department of Natural Resources

Inspection Photos
Location Name: Longhorn /U-10 Pad
Location ID: 450201



Photo 1. Photo taken from the entrance of the location, facing West. Operator has performed interim reclamation activities to reduce disturbance areas only needed for production operations; however, the southeastern well pad area does not appear to be needed for production operations. Operator shall comply with Rule 1003 standards to reduce disturbance areas only needed for production operations. In addition, it appears unconsolidated soil material from the well pad has not been adequately stabilized to control dust and wind erosion. Staff observed soil particle deposition as a result of wind erosion along the southwestern area off Location. Wind erosion was also observed along the southeastern area off Location.

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Photo 2. Photo taken from the entrance of the location, facing North. Operator has performed interim reclamation activities with the evidence of drilling rows, straw crimped mulch and germination. Interim areas appear to be properly contoured to the surrounding landscape.



Photo 3. Photo taken from the northeastern interim area, facing West. Operator shall keep vehicle traffic off interim areas while in the revegetation process.

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Photo 4. Photo taken from the southwestern well pad, facing South. It appears unconsolidated soil material from the well pad has not been adequately stabilized to control dust and wind erosion. Photo illustrates soil particle deposition as a result of wind erosion onto fill slopes and along the southwestern area off Location.

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Photo 5. Photo taken from the southwestern well pad, facing Southwest. See comments under Photo 4.

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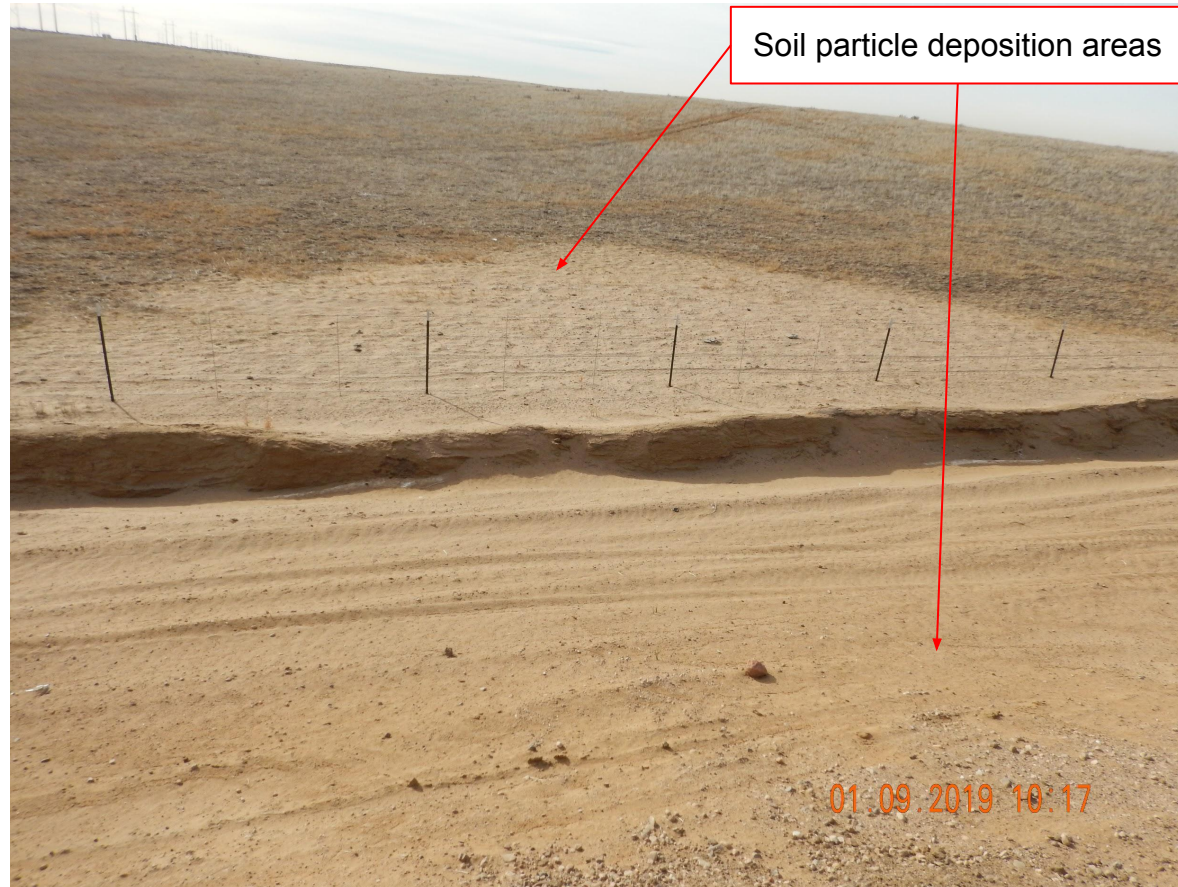


Photo 6. Photo taken from the southwestern well pad, facing Southwest. See comments under Photo 4.

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Photo 7. Photo taken from the southwestern well pad, facing Northwest. See comments under Photo 4.

Photo 8. Photo taken from the southwestern well pad, facing East. See comments under Photo 4.

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Photo 9. Photo taken from the southwestern well pad, facing East. The red-dotted circle indicates the area that does not appear to be needed for production operations and shall be reclaimed per Rule 1003. Also, appears this portion of the well pad and perimeter are not adequately stabilized, further support for reclaiming the area and implement long-term stabilization through revegetation. See Photos 11-13.

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Photo 10. Photo taken from the southern well pad, facing South. Photo illustrates a sediment trap that has not been implemented in accordance with good engineering practices, has not been maintained to properly function, and does not appear to be adequately sized.

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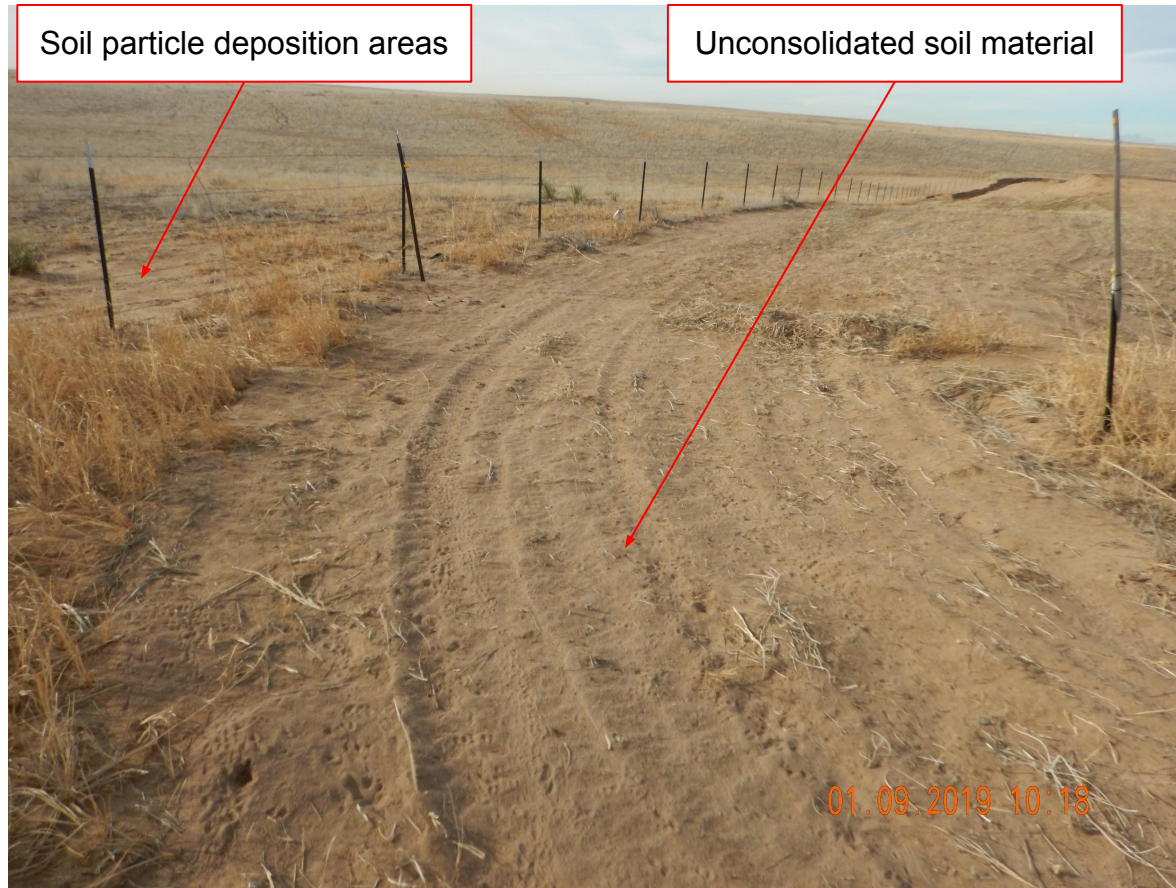


Photo 11. Photo taken from the southeastern perimeter of the location, facing West. Photo illustrates a portion of the perimeter that has not been properly stabilized and soil particle deposition as a result of wind erosion was observed off Location.

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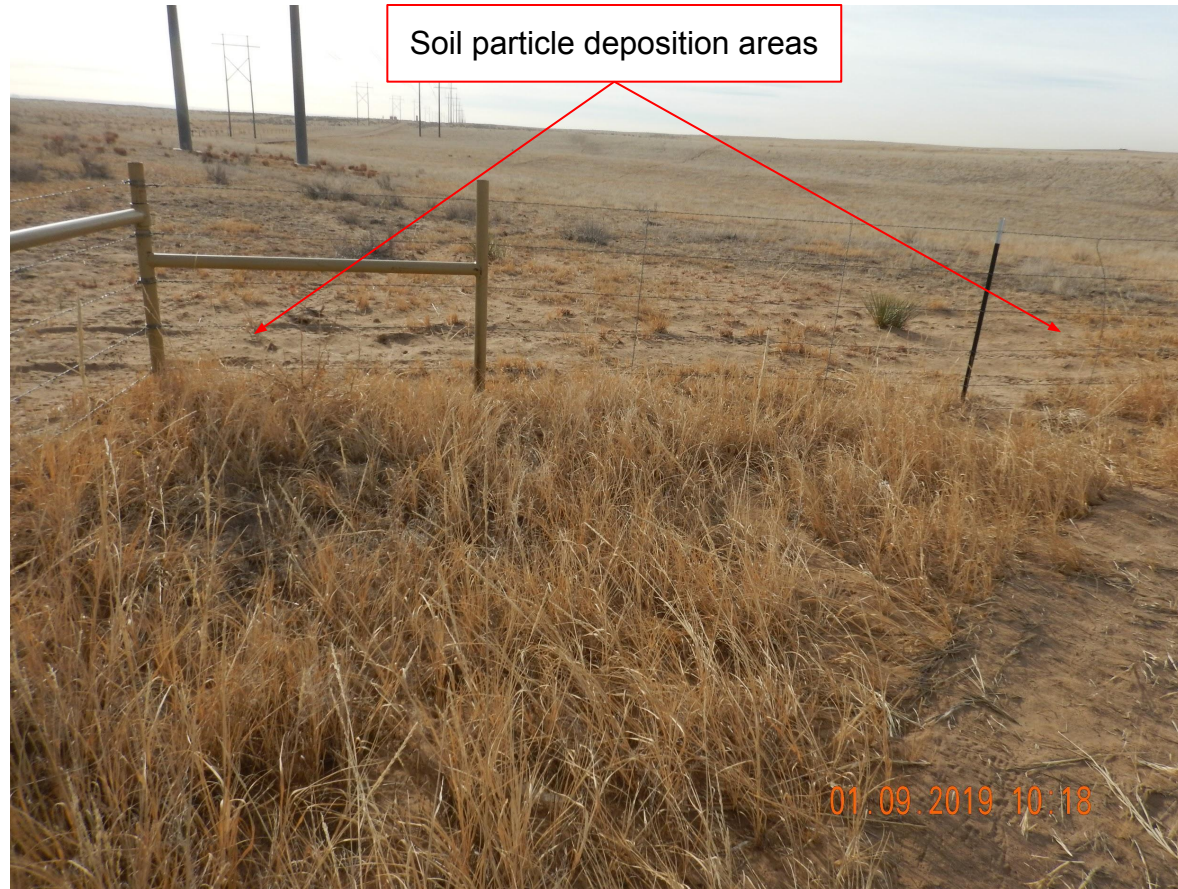


Photo 12. Photo taken from the southeastern perimeter of the location, facing South. See comments under Photo 10.



Photo 13. Photo taken from the southeastern perimeter of the location, facing South. See comments under Photo 10.