

Inspection Photos and Issue Report

10/17/2022

Operator: LARAMIE ENERGY LLC - 10433

Location #335482

Garfield County, CO

Aaron Trujillo

NW Reclamation Specialist

COGCC

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Photo 1: Photo taken from the south end of the Location, facing north. Photo provides overview of the cut slopes on the Location, and the erosion degradation issues observed; BMPs to minimize erosion, degradation, and to protect/stabilize the cut slopes are missing or insufficient per good engineering requirements.

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Photo 2: Photos 2-7 show erosion degradation and sediment deposition (yellow arrow) due to missing or insufficient stormwater and erosion control BMPs at the cut slopes of the Location

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Photo 3: See comments under photo 2.

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Photo 4: See comments under photo 3.

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Photo 5: See comments under photo 8.

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Photo 6: See comments under photo 3.



Photo 7: See comments under photo 3. Photo also shows areas where all fine soil material on the slopes have been lost due to erosion.

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Photo 8: Photos 8-11 taken from the southwestern production areas of the Location. Photos show stormwater discharge point from the pad has not been constructed with a properly engineered outlet; stormwater runoff has resulted in degradation at the outlet, with erosion progressing into the working pad area.

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Photo 9: See comments under photo 8.

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Photo 10: See comments under photo 8. rip-rap armoring at outlet has been “blown out”- gully erosion evident; outlet does not appear to have been constructed with a geotextile lining in conjunction with rip-rap material, per good engineering requirements.

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Photo 11: See comments under photo 8. rip-rap armoring at outlet has been “blown out”- gully erosion evident; outlet does not appear to have been constructed with a geotextile lining in conjunction with rip-rap material, per good engineering requirements.

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Photo 14: Unused equipment stored on south end of the Location. Equipment is not needed for production.

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Photo 13: Tote container with unknown chemicals stored on west end of the Location; container lacking labeling as well as spill prevention and/or containment BMPs. NFPA label information observed on container blank or faded.

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Photo 14: Secondary containment missing wildlife protection BMPs.