

Inspection Photos

11/12/2024

Operator: LARAMIE ENERGY LLC #10433

Location ID: 487592

Inspection Doc: 718100019

Mesa County, CO

Aaron Trujillo

Western Reclamation Work Lead

ECMC



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Photo 1: Photo taken from the intersection of the lease road and the public road. Photo shows signage per Rule 406.d has been installed.



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Photo 2: Photos 2-3 taken from the Location entrance on the south end of the Location. Photo provides a overview of the pad from west, northwest, northeast to east.



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Photo 3: See comments under photo 2.



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Photo 4: Photo taken from the east end of the Location. Photo shows cuttings trench constructed for disposal of drill cuttings. Trench requires permitting via Form 15.



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Photo 5: Photos taken from the topsoil stockpile on the east/northeast end of the Location. Soils are currently bare and at risk to wind and water erosion; BMPs to protect, as well as to minimize erosion and degradation are missing or insufficient.



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Photo 6: Photos taken from the topsoil stockpile along the access road. BMPs to minimize erosion, degradation and sediment transport are missing or insufficient.



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Photo 7: Photos taken from the southeast end of the Location. Photo shows stormwater diversion ditch; per the Form 2A permitted SWMP and Layout drawing, ditch would connect and divert stormwater into the sediment trap on the southwest corner of the Location (via a culvert). Ditch is incomplete (arrow) and does not divert stormwater into the sediment trap. Additionally, the culvert at the access road entrance connected to the ditch has not been installed. Rock checks have also not been installed within the ditch.



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Photo 8: Photos taken from the cut slopes on the east end of the Location. Photos examples showing BMPs to minimize erosion and degradation from the cut slopes are missing or insufficient; slopes currently bare unstabilized.



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Photo 9: Photos 9-10 taken from the west end of the working pad surface. Photos provide an overview from north, northeast, southeast to south. Photos also show ditch along perimeter of the pad has not been installed.



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Photo 10: See comments under photo 9.



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Photo 11: Photos taken from the west end of the Location, facing south. Photos examples showing BMPs to minimize erosion and degradation at the fill slopes are missing or insufficient; slopes currently bare unstabilized. Photo left also shows BMPs per the SWMP (Slope drain) have not been installed.



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Photo 12: Photos taken from the diversion ditch on the west end of the Location, facing south. Photo shows BMP is incomplete and does not divert stormwater to the sediment trap on the southwest end of the Location per the Form 2A Layout drawing and SWMP. BMP currently missing a properly engineered outlet, such as a sediment trap with inlet/outlet protections, per good engineering practice.



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Photo 13: Photos taken from the sediment trap on the southwest end of the Location, facing north and northeast. Pursuant to Operator's Form 2A permitted SWMP and Layout Drawing, sediment trap was to be installed with engineered inlet/outlet protections; engineered/armored inlets and outlets have not been installed per the SWMP and good engineering practices.



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Photo 14: Photos taken from the fill slopes and Location entrance. Photos show BMPs to minimize erosion and degradation from the fill slopes are missing or insufficient; slopes currently bare unstabilized. Additionally, photos also show that the culvert/sediment trap/ditch have not been installed per the Form 2A SWMP and Layout drawing.



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Photo 15: Photos taken from the southwest corner of the working pad surface. Photo shows slope drain has not been installed per the Form 2A SWMP and Layout drawing. Photos also examples showing pad surface lacks stabilization.



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Photo 17: Photo shows Location entrance sign has not been maintained or posted at the Location entrance.



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Photo 18: Ditch has not been constructed along access road. Culvert also missing along access road per the Form 2A SWMP and Layout drawing.



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Photo 19: Photo example of tracking/stabilization issues observed on Location/Access road. BMPs to stabilize, as well as to minimize degradation and sediment transport are missing or insufficient.



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