

# Inspection Photos

8/25/2017

Operator: WESTERN OPERATING COMPANY -  
95620

Location ID: 312292

Inspection Doc. Number: 675103909

Logan County, CO

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COGCC

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**Photo 1:** Current aerial imagery showing overview of the location.

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**Photo 2:** Photo taken at the pump unit, facing south. Photo shows sign missing at well.



**Photo 3:** Photo taken at the pumping unit. Photo shows bucket. Bucket needs to be removed and properly stored, or placed into a secondary containment.

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**Photo 4:** Photo taken on the west side of the pumping unit, facing south. Photo shows equipment being stored on location. This needs to be removed and properly stored.



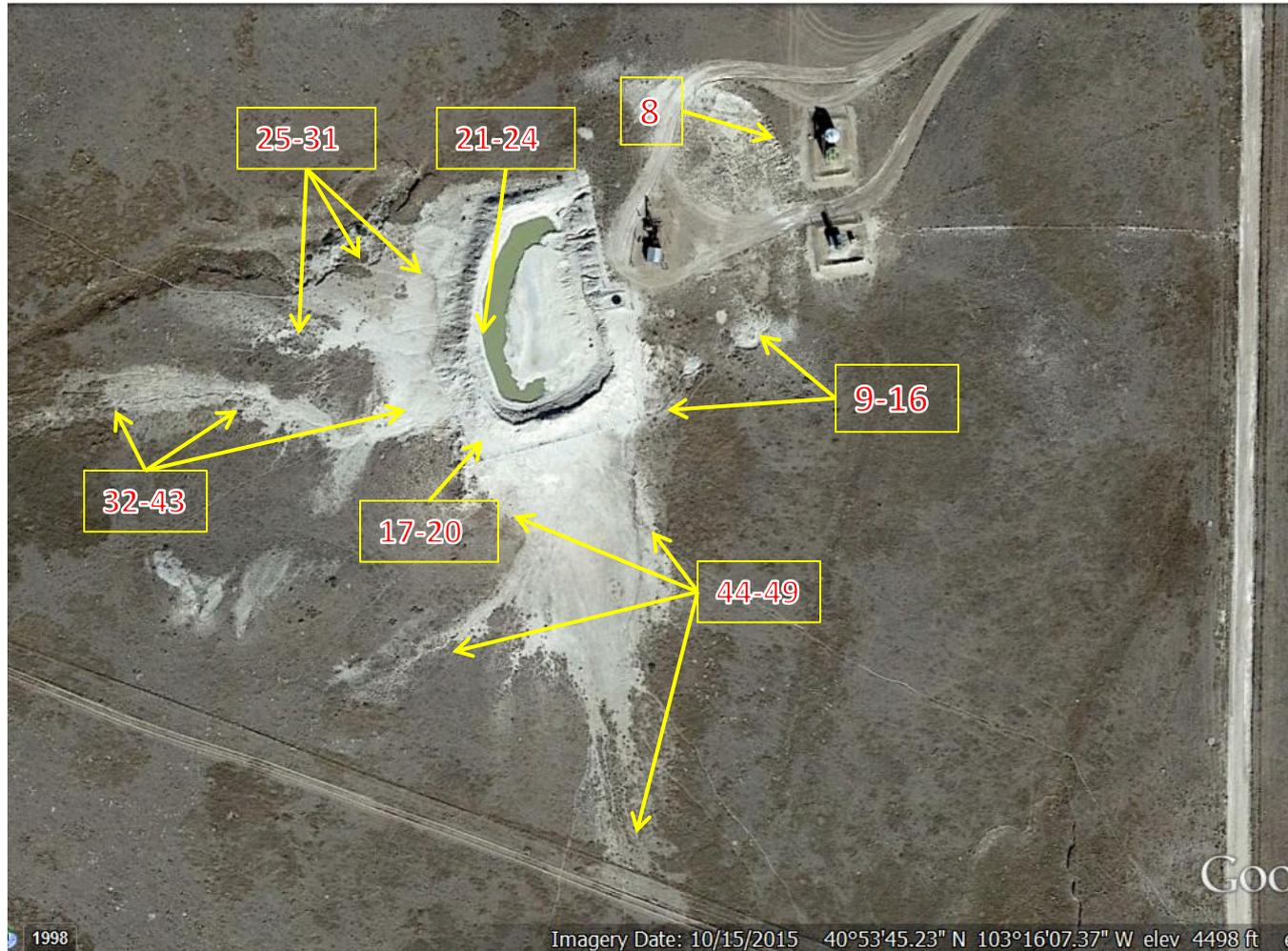
**Photo 5:** Photo taken east of the pumping unit. Photo shows equipment/debris being stored on location. This needs to be removed and properly stored, or properly disposed of.



**Photo 6a:** Current aerial imagery showing the extent of the erosion concerns observed on the location. Photo shows ~1.5 acres of rangeland have been degraded from stormwater runoff from the location.



**Photo 6b:** 1998 historic aerial imagery. Photo shows erosion concerns from the location are evident as far back as (and have likely existed prior to) 1998.



**Photo 7:** Aerial imagery giving reference as to where the following photos in this document had been taken.

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**Photo 8:** Photo taken on the northern part of the location, just west of the tank battery. Photo shows degradation to the location due to stormwater erosion. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. 6 foot measuring stick for reference.



**Photo 9:** Photo taken on the south end of the location, facing southwest. Photo shows degradation on location due to stormwater erosion. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. 6 foot measuring stick for reference.

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**Photo 10:** Photo taken on the south end of the location, facing west. Photo shows degradation on location due to stormwater erosion. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. 6 foot measuring stick for reference.



**Photo 11:** Photo taken on the south end of the location, facing southwest. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. 6 foot measuring stick for reference.

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**Photo 12:** Photo taken on the south end of the location, facing southwest. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. 6 foot measuring stick for reference.



**Photo 13:** Photo taken on the south end of the location, facing northeast. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. 6 foot measuring stick for reference.

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**Photo 14:** Photo taken on the south end of the location, facing northeast. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. 6 foot measuring stick for reference.



**Photo 15:** Photo taken on the southeast corner of the pit, facing west. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing.

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**Photo 16:** Photo taken on the southeast corner of the pit, facing southwest. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing.



**Photo 17:** Photo taken on the southwest corner of the pit, facing northwest. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing.

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**Photo 18:** Photo taken on the southwest corner of the pit, facing west. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing.



**Photo 19:** Photo taken on the southwest corner of the pit, facing north. Photo shows stormwater runoff and erosion degradation occurring at the pit. Runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.

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**Photo 20:** Photo taken on the southwest corner of the pit, facing northeast. Photo shows stormwater runoff and erosion degradation occurring at the pit. Runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.



**Photo 21:** Photo taken on the west end of the pit, facing north. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing.

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**Photo 22:** Photo taken on the west end of the pit, facing west. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing.



**Photo 23:** Photo taken on the west end of the pit, facing southwest. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing.

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**Photo 24:** Photo taken from the west end of the pit. Photo shows stormwater runoff and erosion degradation occurring at the pit. Runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. 6 foot measuring stick for reference.



**Photo 25:** Photo taken from the west of the pit, facing east. Photo shows large headcuts have formed due to stormwater erosion from the location. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.

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**Photo 26:** Photo taken from the west of the pit, facing south. Photo shows large headcuts have formed due to stormwater erosion from the location. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.



**Photo 27:** Photo taken from the degraded areas west of the pit. Photo shows large headcuts have formed due to stormwater erosion from the location. Headcut seen here is ~2 feet in height. There are other headcuts in the area that appear to be larger in size.

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**Photo 28:** Photo taken from the west of the pit, facing southeast. Photo shows large headcuts have formed due to stormwater erosion from the location. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.



**Photo 29:** Photo taken from the west of the pit, facing east. Photo shows large headcuts have formed due to stormwater erosion from the location. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Erosion evident as far back, and likely prior to, 1998 (see photo 6b); soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.

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**Photo 30:** Photo taken from the west of the pit, facing north. Photo shows large headcuts have formed due to stormwater erosion from the location. Headcut seen here is ~2 feet in height. There are other headcuts in the area that appear to be larger in size.



**Photo 31:** Photo taken from the west of the pit. Photo shows large headcuts have formed due to stormwater erosion from the location. Headcut seen here is ~2 feet in height. There are other headcuts in the area that appear to be larger in size.

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**Photo 32:** Photo taken from the southwest of the pit, facing north. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing.



**Photo 33:** Photo taken from the southwest of the pit, facing east. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing.

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**Photo 34:** Photo taken from the southwest of the pit, facing north. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.



**Photo 35:** Photo taken from the southwest of the pit, facing north. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing.

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**Photo 36:** Photo taken from the southwest of the pit, facing north. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.



**Photo 37:** Photo taken from the southwest of the pit, facing north. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing.

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**Photo 38:** Photo taken from the southwest of the pit. Photo shows gulley erosion due to stormwater runoff from the location. Gulley seen here is ~1.5 feet in depth.



**Photo 39:** Photo taken from the southwest of the pit, facing east. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing.

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**Photo 40:** Photo taken from the southwest of the pit, facing east. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.



**Photo 41:** Photo taken from the southwest of the pit, facing northeast. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing.

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**Photo 42:** Photo taken from the southwest end of the pit, facing north. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.



**Photo 43:** Photo taken from the southwest end of the pit, facing west. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.

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**Photo 44:** Photo taken from the south end of the pit, facing east. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing.



**Photo 45:** Photo taken from the south end of the pit, facing southeast. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing.

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**Photo 46:** Photo taken from the south end of the pit, facing south. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing.



**Photo 47:** Photo taken from the south and west end of the pit, facing northeast. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing.

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**Photo 48:** Photo taken from the south of the pit, facing north. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.



**Photo 49:** Photo taken from the south of the pit, facing north. Photo shows stormwater runoff from the location has caused erosion degradation on the adjacent lands. Erosion will need to be repaired and stabilized. Required BMPs will need to be installed and maintained in accordance to 1002.f to prevent further degradation. These areas will need to be re-vegetated/reclaimed. Soil testing is advised as contaminants may exist preventing vegetation from re-establishing. 6 foot measuring stick for reference.

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**Photo 50:** Photo of sign at the battery on the east end of the location. No sign at the well. Emergency contact information missing from location.