

Colorado Oil and Gas Conservation Commission

# HMU-67S92W/19SWNE, #311615



## Annotation Report

Created on August 1, 2023

Captured on July 31, 2023



## Location

NAD83(2011) / Colorado Central (ftUS) (US survey foot)

Label	Title	Elevation	Lat, Long	Northing, Easting
1 	Outlet	-6.31 US ft	39.4318833, -107.7088331	1589777.6 US ft, 2376159.9 US ft
2 	Stormwater detention pond	-7.87 US ft	39.4321948, -107.7092757	1589894.0 US ft, 2376037.7 US ft
3 	Culvert	-7.08 US ft	39.4319899, -107.7080818	1589811.3 US ft, 2376373.0 US ft
4 	Perimeter Ditch/Berm	-3.15 US ft	39.4325045, -107.7084875	1590001.4 US ft, 2376263.0 US ft

## Area

Label	Title	Horizontal Length	Horizontal Width	Area	Surface Area
5 	Erosion degradation	--	--	1174.74 ft <sup>2</sup>	1244.91 ft <sup>2</sup>
6 	Failed dam	--	--	0.27 acres	0.39 acres
7 	Undesirable Plant Species	--	--	894.57 ft <sup>2</sup>	932.33 ft <sup>2</sup>

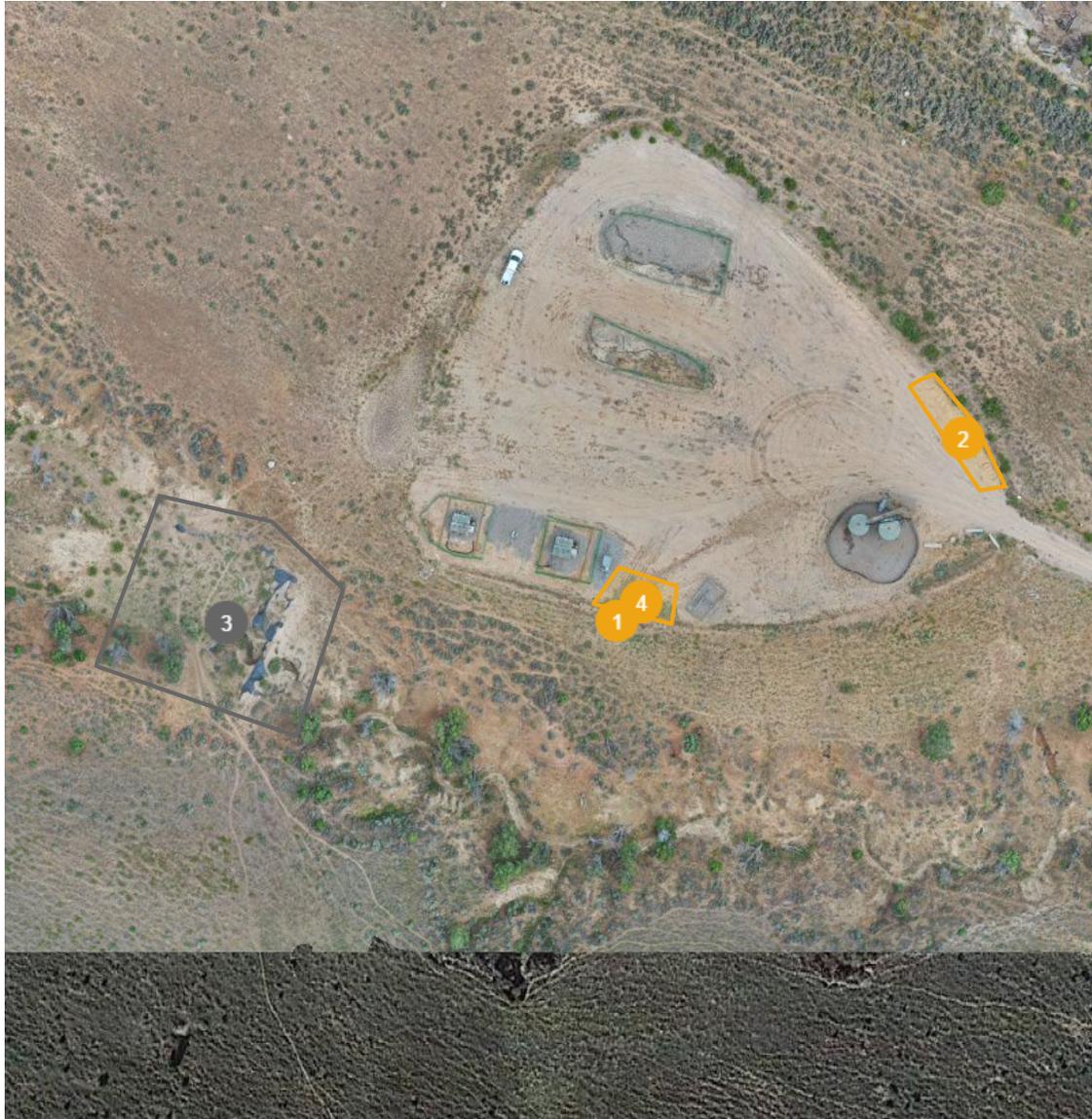
Colorado Oil and Gas Conservation Commission

# HMU-67S92W/19SWNE, #311615 Issue Report



Created on August 1, 2023

Captured on July 31, 2023



Type	Count
Erosion	2
Observation	2

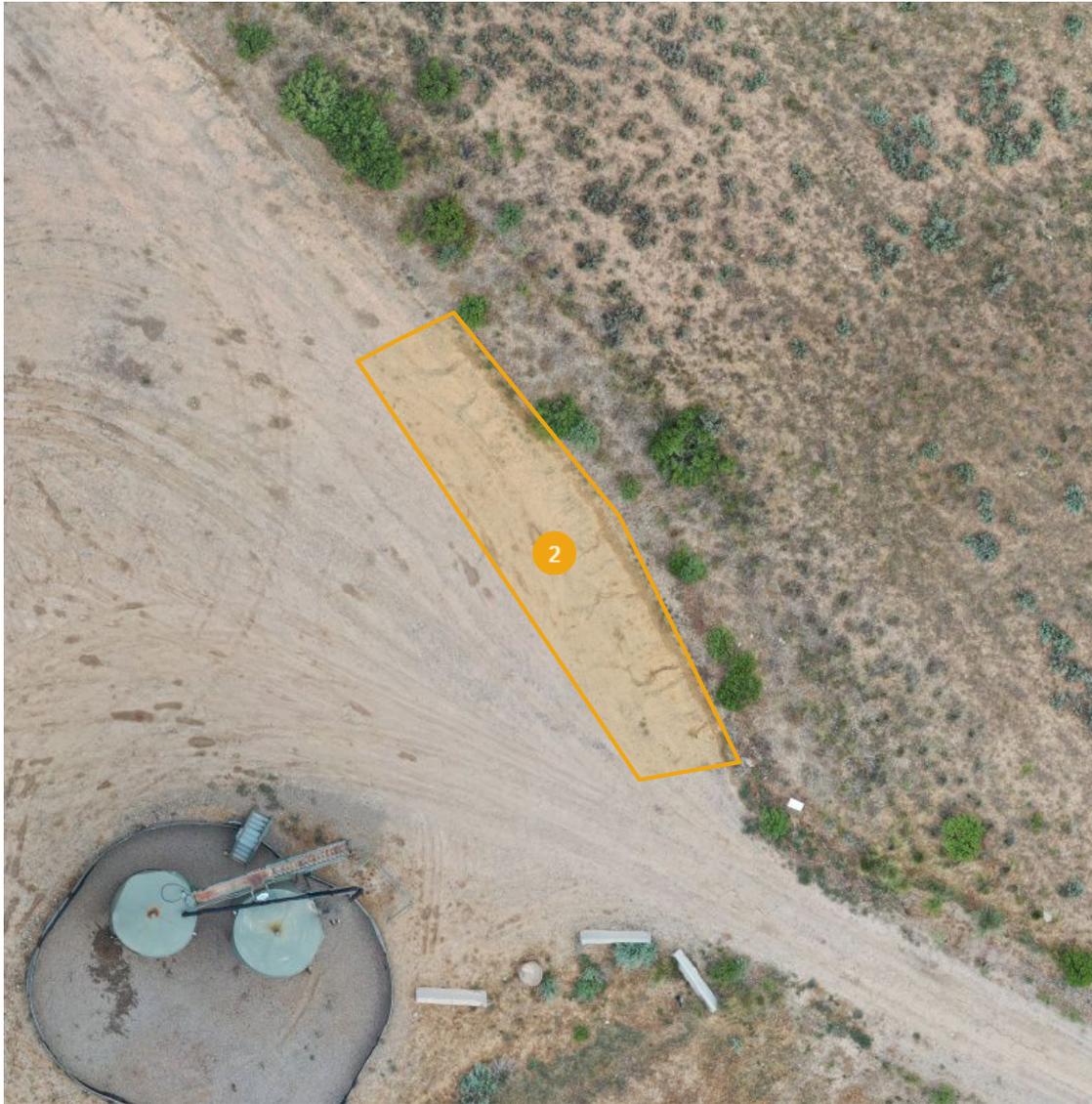
No.	Type	Severity	Created	Status	Cost of Repair
1	 Erosion	—	August 1, 2023	Open	—
2	 Erosion	—	August 1, 2023	Open	—
3	 Observation	—	August 1, 2023	Closed	—
4	 Observation	—	August 1, 2023	Open	—

**Total: \$0.00**

## 2 - Erosion

Open

Jul 31, 2023 at 10:51am



### Details

Summary:	N/A
Created:	Aug 1, 2023, 8:13am by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	39.43218, -107.70815
Area:	1174.74 ft <sup>2</sup>
Surface Area:	1244.91 ft <sup>2</sup>

### 1 - Erosion

Open

Jul 31, 2023 at 10:51am



### Details

Summary: **Improperly engineered/installed outlet for stormwater discharge; outlet lacks armoring; erosion degradation evident.**

Created: **Aug 1, 2023, 8:08am by Aaron Trujillo**

Cost of Repair: **—**

Lat/Long: **39.4318833, -107.7088331**

Northing: **1589777.6 US ft**

Easting: **2376159.9 US ft**

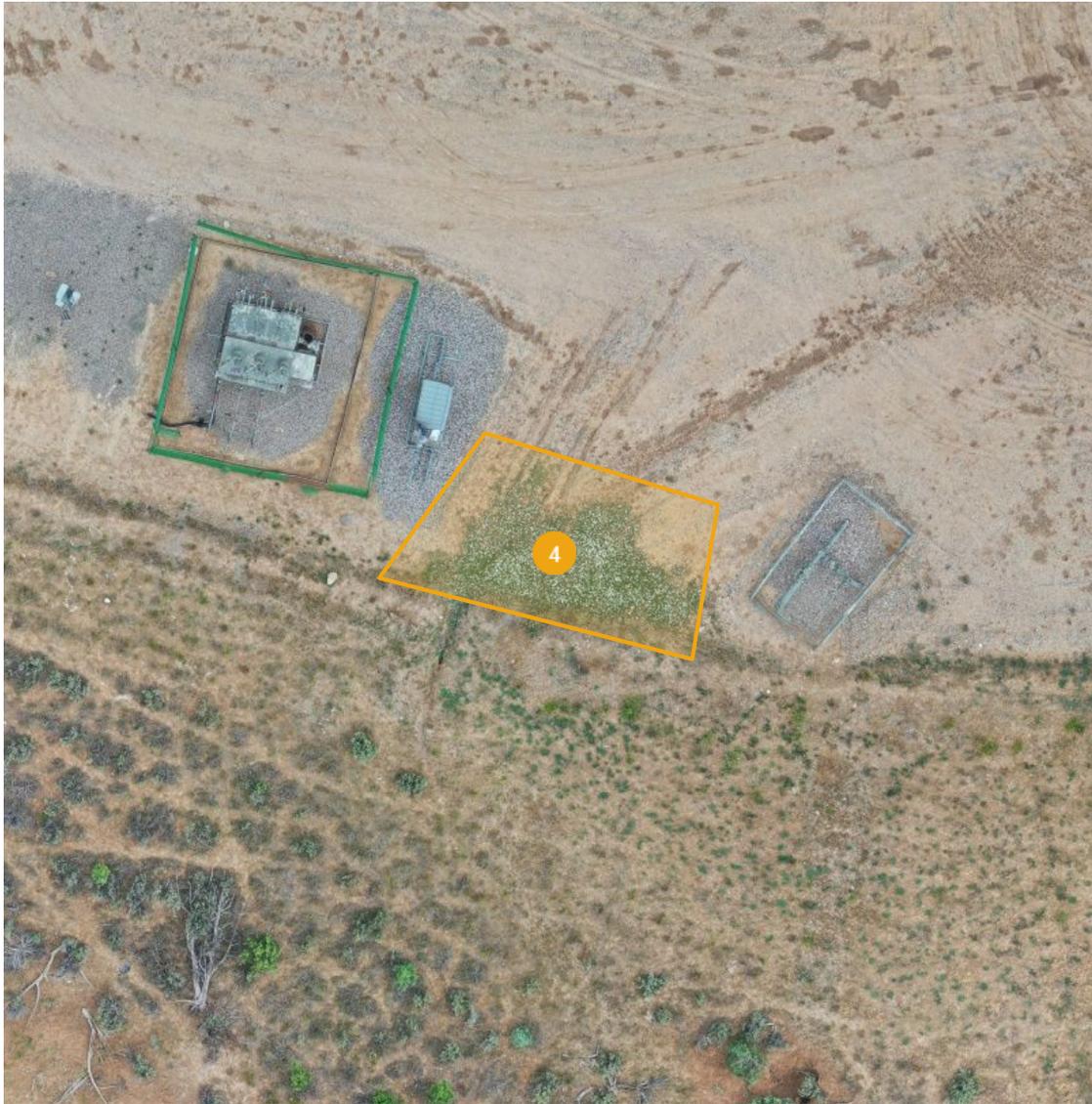
Elevation: **-6.31 US ft**

NAD83(2011) / Colorado Central (ftUS) (US survey foot)

### 4 - Observation

Open

Jul 31, 2023 at 10:51am



### Details

Summary:

Created:

Cost of Repair:

Lat/Long:

Area:

Surface Area:

Field Bindweed

Aug 1, 2023, 8:15am by Aaron Trujillo

—

39.43191, -107.70878

894.57 ft<sup>2</sup>

932.33 ft<sup>2</sup>

### 3 - Observation

Closed

Jul 31, 2023 at 10:51am



#### Details

Summary:	Failed livestock pond unrelated to this O&G Location's disturbance.
Created:	Aug 1, 2023, 8:14am by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	39.43190, -107.70958
Area:	0.27 acres
Surface Area:	0.39 acres

# Inspection Photos

7/31/2023

Operator: CAERUS PICEANCE LLC #10456

Location Number: 311615

Garfield County, CO

Aaron Trujillo  
NW Reclamation Specialist  
CECMC



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Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC #10456

Location Number: 311615



**Photo 1:** Photos 1-2 taken from the west end of the working pad areas of the Location. Photos provide an overview of the location from north, northeast, southeast to south.



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Inspection Photos

Operator Name: CAERUS PICEANCE LLC #10456

Location Number: 311615



July 31, 2023



July 31, 2023

**Photo 2:** See comments under photo 1.



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Inspection Photos  
Operator Name: CAERUS PICEANCE LLC #10456  
Location Number: 311615



**Photo 3:** Photo taken from the adjacent drainage southwest of the pad. Areas appear to be a failed livestock pond installed by the surface owner, and is unrelated to the O&G Location's disturbance.



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## Inspection Photos

Operator Name: CAERUS PICEANCE LLC #10456

Location Number: 311615



**Photo 4:** Photos taken from the southeast end of the working pad. Photo shows outlet to allow for stormwater discharge from the Location has not been installed in accordance with good engineering practices, resulting in erosion degradation. Photos also show Undesirable and Noxious Plant establishment; Field bindweed established on pad and interim areas.



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## Inspection Photos

Operator Name: CAERUS PICEANCE LLC #10456

Location Number: 311615



**Photo 5:** Erosion degradation due to improper stormwater discharge from the southeastern working pad area.



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## Inspection Photos

Operator Name: CAERUS PICEANCE LLC #10456

Location Number: 311615



**Photo 6:** Photo taken from the southeastern areas of the working pad. Photo shows Undesirable and Noxious Plant establishment; Field bindweed established on pad and interim areas.



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## Inspection Photos

Operator Name: CAERUS PICEANCE LLC #10456

Location Number: 311615



**Photo 7:** Photos taken from the interim areas on the west end of the Location. Photos examples showing vegetative establishment over the interim areas. Vegetation observed predominantly introduced species such as crested wheat and smooth brome.



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