

# Inspection Photos and Issue Report

3/12/2024

**Operator:** ANSCHUTZ EXPLORATION CORP

#3104

**Location ID:** 484545

**Inspection Doc:** 696205674

Moffat County, CO

Aaron Trujillo  
NW Reclamation Specialist  
CECMC



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Department of Natural Resources

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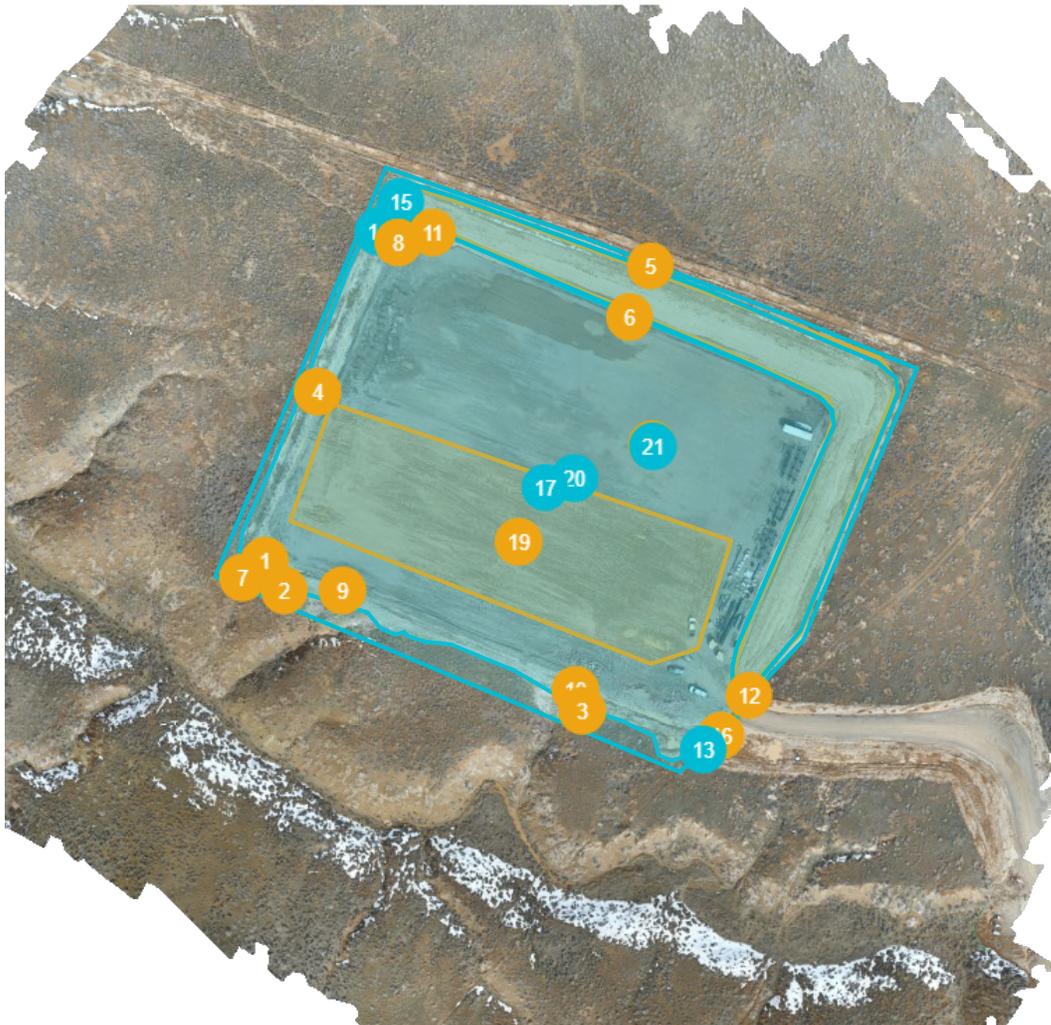
# Coyote Fed/0397-14, #484545

## Annotation Report



Created on March 13, 2024

Captured on March 12, 2024



**Point** 

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

Label	Title	Elevation	Lat, Long	Northing, Easting
1 	Berm	5918.21 US ft	40.2349712, -108.2546586	1340386.4 US ft, 2231055.2 US ft
2 	Slopes	5913.96 US ft	40.2348882, -108.2545861	1340355.6 US ft, 2231074.5 US ft
3 	Outlet	5913.13 US ft	40.2345294, -108.2534319	1340214.9 US ft, 2231392.5 US ft
4 	Ditch	5914.71 US ft	40.2354698, -108.2544528	1340566.1 US ft, 2231118.3 US ft
5 	Ditch	5919.24 US ft	40.2358465, -108.2531656	1340692.2 US ft, 2231481.7 US ft
6 	Erosion Log	5917.79 US ft	40.2356940, -108.2532469	1340637.3 US ft, 2231457.3 US ft
7 	Perimeter	5913.39 US ft	40.2349230, -108.2547446	1340369.6 US ft, 2231030.6 US ft
8 	Sediment trap / Slope Drain	5917.45 US ft	40.2359131, -108.2541443	1340724.9 US ft, 2231209.3 US ft
9 	Sediment Trap / Slope Drain	5917.10 US ft	40.2348859, -108.2543592	1340352.8 US ft, 2231137.8 US ft
10 	Sediment Trap w/ Slope Drain	5916.53 US ft	40.2345926, -108.2534581	1340238.1 US ft, 2231385.9 US ft
11 	Ditch	5918.22 US ft	40.2359407, -108.2540086	1340733.8 US ft, 2231247.5 US ft
12 	Location Signage	5918.13 US ft	40.2345770, -108.2527881	1340226.7 US ft, 2231572.7 US ft
13 	Riprap material in conjunction with geotextile lining	5916.50 US ft	40.2344137, -108.2529623	1340168.7 US ft, 2231522.2 US ft
14 	Outlet- Riprap in conjunction with geotextile lining.	5915.00 US ft	40.2359479, -108.2542175	1340738.2 US ft, 2231189.3 US ft
15 	Straw bales- check dams	5916.65 US ft	40.2360339, -108.2541332	1340768.8 US ft, 2231213.8 US ft
16 	Ditch and Berm	5917.94 US ft	40.2344552, -108.2528955	1340183.2 US ft, 2231541.3 US ft

**Area** 

Label	Title	Horizontal Length	Horizontal Width	Area	Surface Area
17 	Pad Disturbance	--	--	5.17 acres	5.29 acres
18 	Topsoil stockpile	--	--	0.98 acres	0.99 acres
19 	Working Pad Surface	--	--	1.52 acres	1.52 acres
20 	Fenced Disturbance Area	--	--	6.79 acres	6.99 acres

### Volume

Label	Title	Area	Cut	Fill	Net	Tolerance
21 	Topsoil Stockpile	1.06 acres	5618.47 y <sup>3</sup>	3.89 y <sup>3</sup>	-5614.58 y <sup>3</sup>	0 ft

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# Coyote Fed/0397-14, #484545 Issue Report



Created on March 13, 2024

Captured on March 12, 2024



## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 1:** Photos 1-2 taken from the east end of the working pad surface. Photos provide an overview of the Location from south, southwest, northwest to north.



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## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



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



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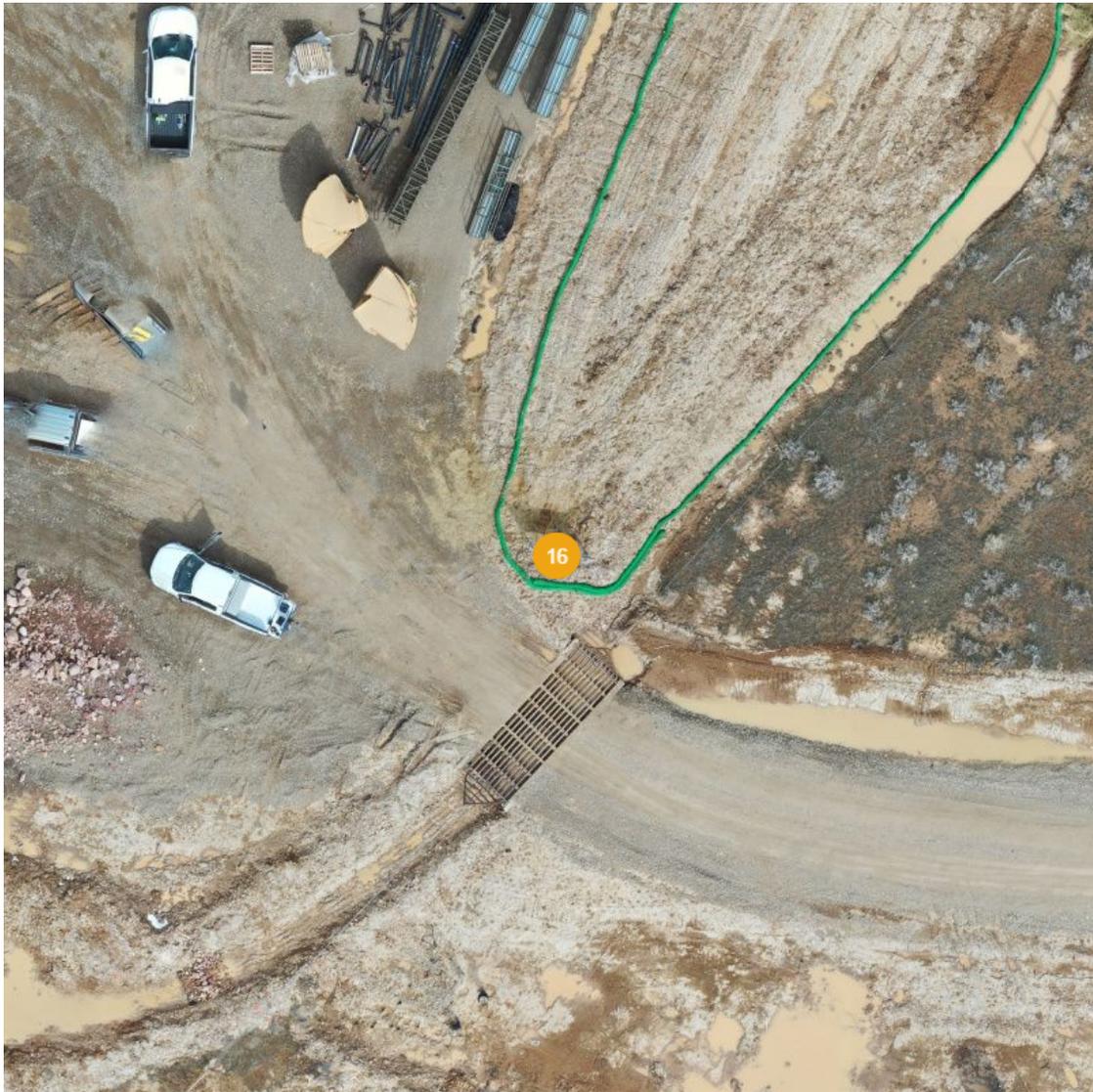
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16 - Observation

Open

Mar 12, 2024 at 11:53am



Details

Summary: Location Signage missing Oil and Gas Location name (605.a.(1)) and the Commission's assigned Oil and Gas Location identification number (605.a.(2)).

Created: Mar 13, 2024, 9:56am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 40.2345770, -108.2527881

Northing: 1340226.7 US ft

Easting: 2231572.7 US ft

Elevation: 5918.13 US ft

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

# Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 3:** Photo taken from the Location entrance. Signage includes information regarding the permitted wells. Location name and Number not posted. Form 2A observed in tube at base of sign.



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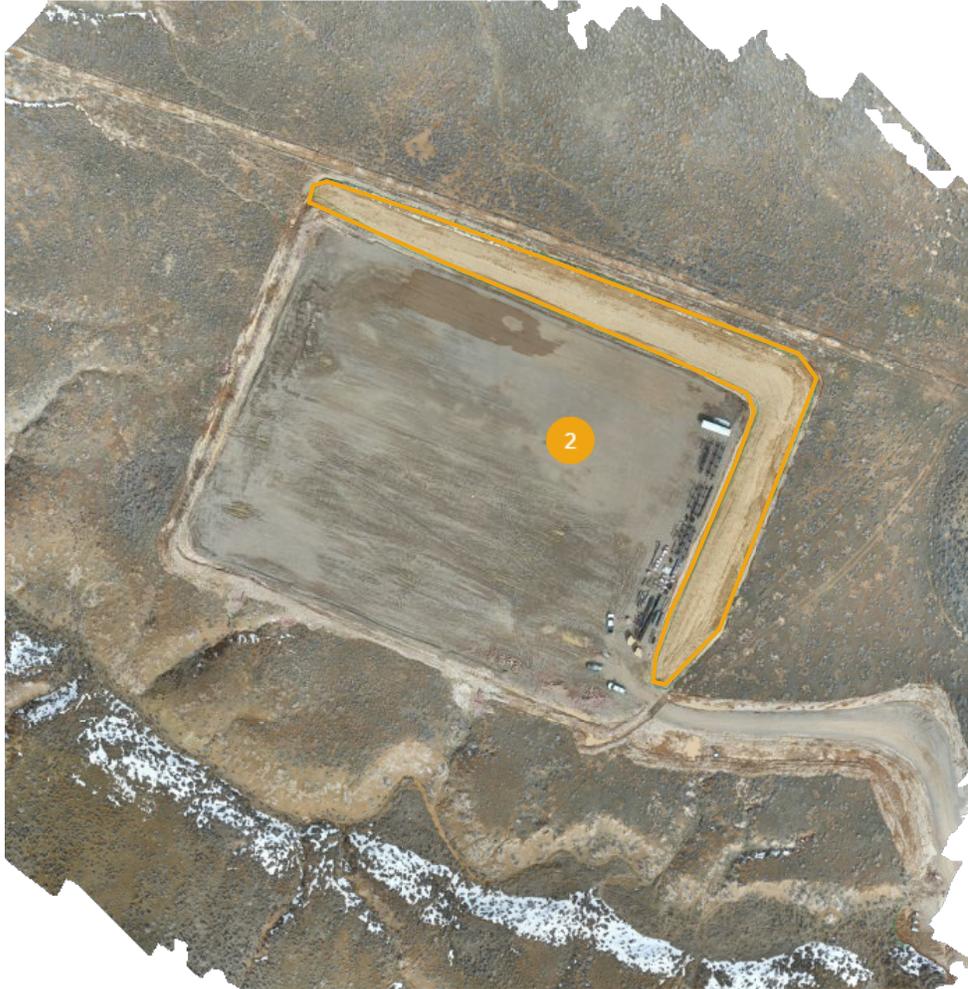
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## 2 - Observation

Open

Mar 12, 2024 at 11:53am



### Details

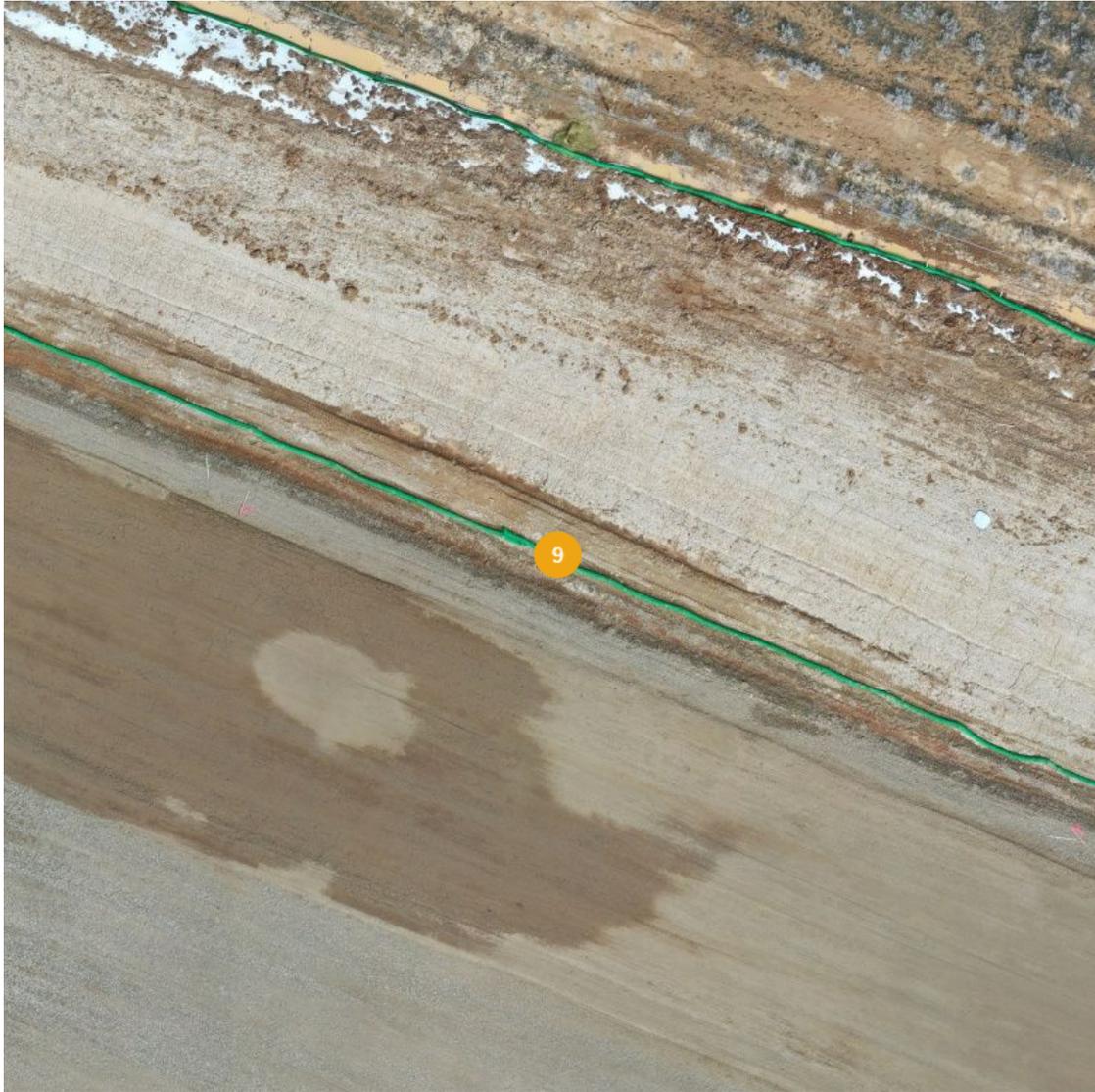
Summary: Topsoil stockpile bare on the north and east ends of the Location. BMPs to protect the topsoil stockpile pursuant to 1002.b; to ensure topsoil stockpile remains properly segregated pursuant to Rule 1002.b; as well as to minimize erosion, degradation and sediment transport pursuant to Rule 1002.f are also missing or insufficient.

Created:	Mar 13, 2024, 8:32am by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	40.23540, -108.25303
Area:	0.98 acres
Surface area:	0.99 acres

9 - Observation

Open

Mar 12, 2024 at 11:53am



Details

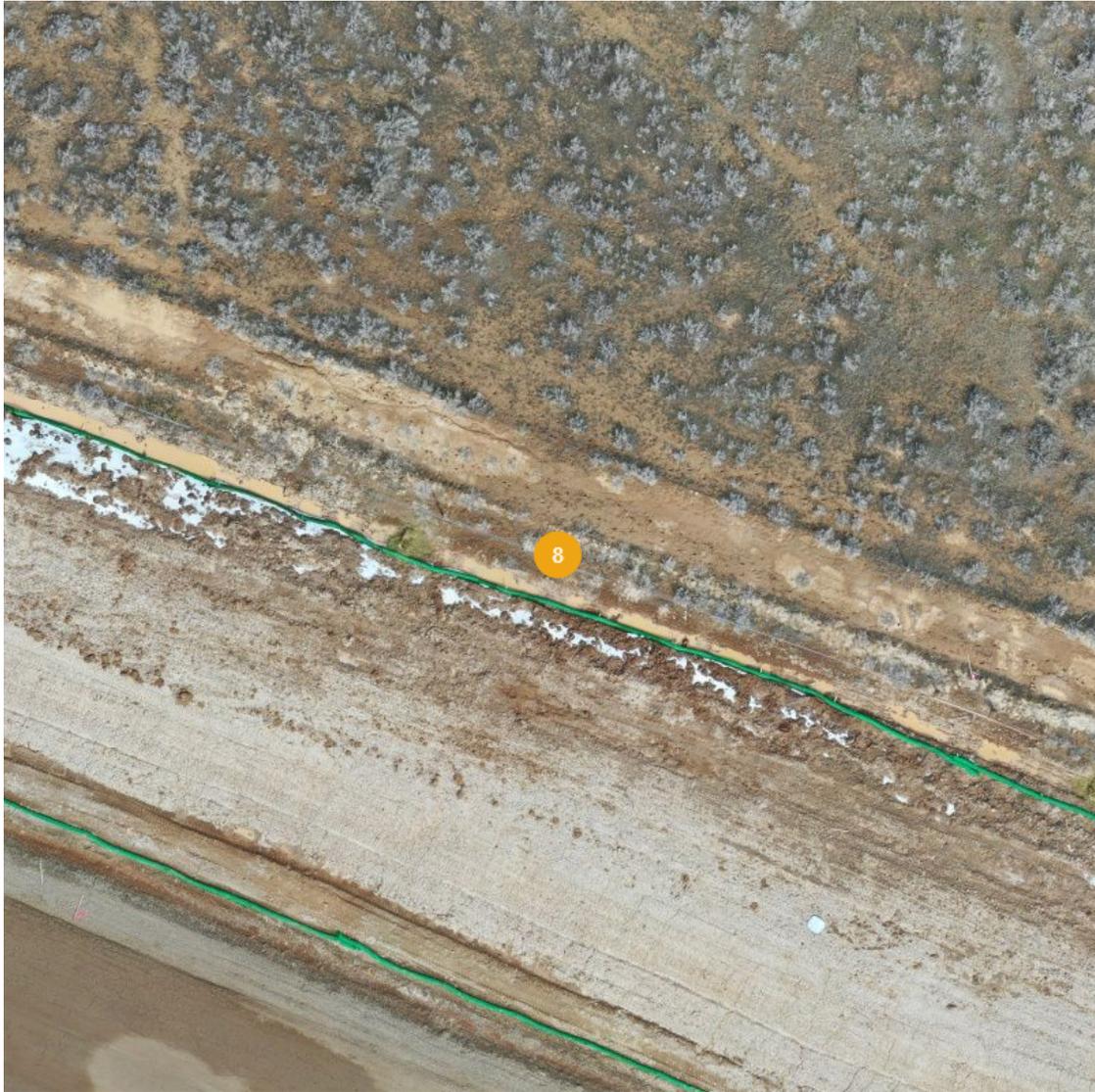
Summary: Erosion log along perimeter of the topsoil stockpile has not been installed or maintained in proper functioning condition; BMP has not been placed along appropriate areas around the topsoil stockpile; BMP has not been properly staked per good engineering practice; BMP has not been trenched per good engineering practice.

Created:	Mar 13, 2024, 9:23am by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	40.2356940, -108.2532469
Northing:	1340637.3 US ft
Easting:	2231457.3 US ft
Elevation:	5917.79 US ft
NAD83(2011) / Colorado North (ftUS) (US survey foot)	

8 - Observation

Open

Mar 12, 2024 at 11:53am



Details

Summary: Stormwater diversion ditch has not been constructed or maintained per good engineering practice; BMP has been constructed with vertical slopes. Slopes lack consolidation.

Created: Mar 13, 2024, 9:20am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 40.2358465, -108.2531656

Northing: 1340692.2 US ft

Easting: 2231481.7 US ft

Elevation: 5919.24 US ft

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

## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 4:** Photo taken from the east end of the Location, facing north. Photo example showing BMPs at the topsoil stockpile are inadequate; ditch has been constructed into the toe of the stockpile; erosion log has not been properly trenched/staked and has been placed halfway up the slope of the stockpile in places. Stockpile remains bare and at risk to wind/water erosion; erosion degradation observed.



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## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 5:** Photos show the topsoil stockpile on the east and north end of the Location. Photo example showing BMPs at the topsoil stockpile are inadequate; ditch has been constructed into the toe of the stockpile; erosion log has not been properly trenched/staked and has been placed halfway up the slope of the stockpile in places. Stockpile remains bare and at risk to wind/water erosion; erosion degradation observed. Protections at the topsoil stockpile remain missing or insufficient.



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Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 6:** See comment under photo 5.



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### 15 - Observation

Open

Mar 12, 2024 at 11:53am



### Details

**Summary:** Stormwater diversion ditch has not been maintained in proper functioning condition; sediment/material has been placed within the ditch. Ditch has been constructed into the toe of the topsoil stockpile

**Created:** Mar 13, 2024, 9:52am by Aaron Trujillo

**Cost of Repair:** —

**Lat/Long:** 40.2359407, -108.2540086

**Northing:** 1340733.8 US ft

**Easting:** 2231247.5 US ft

**Elevation:** 5918.22 US ft

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

## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 7:** Photo taken from the northwest end of the Location. Photos examples showing the stormwater diversion ditch along the northern perimeter of the working pad surface has not been installed or maintained per good engineering practices. BMP has been constructed into the toe of the topsoil stockpile. Sediment has been pushed into the BMP.



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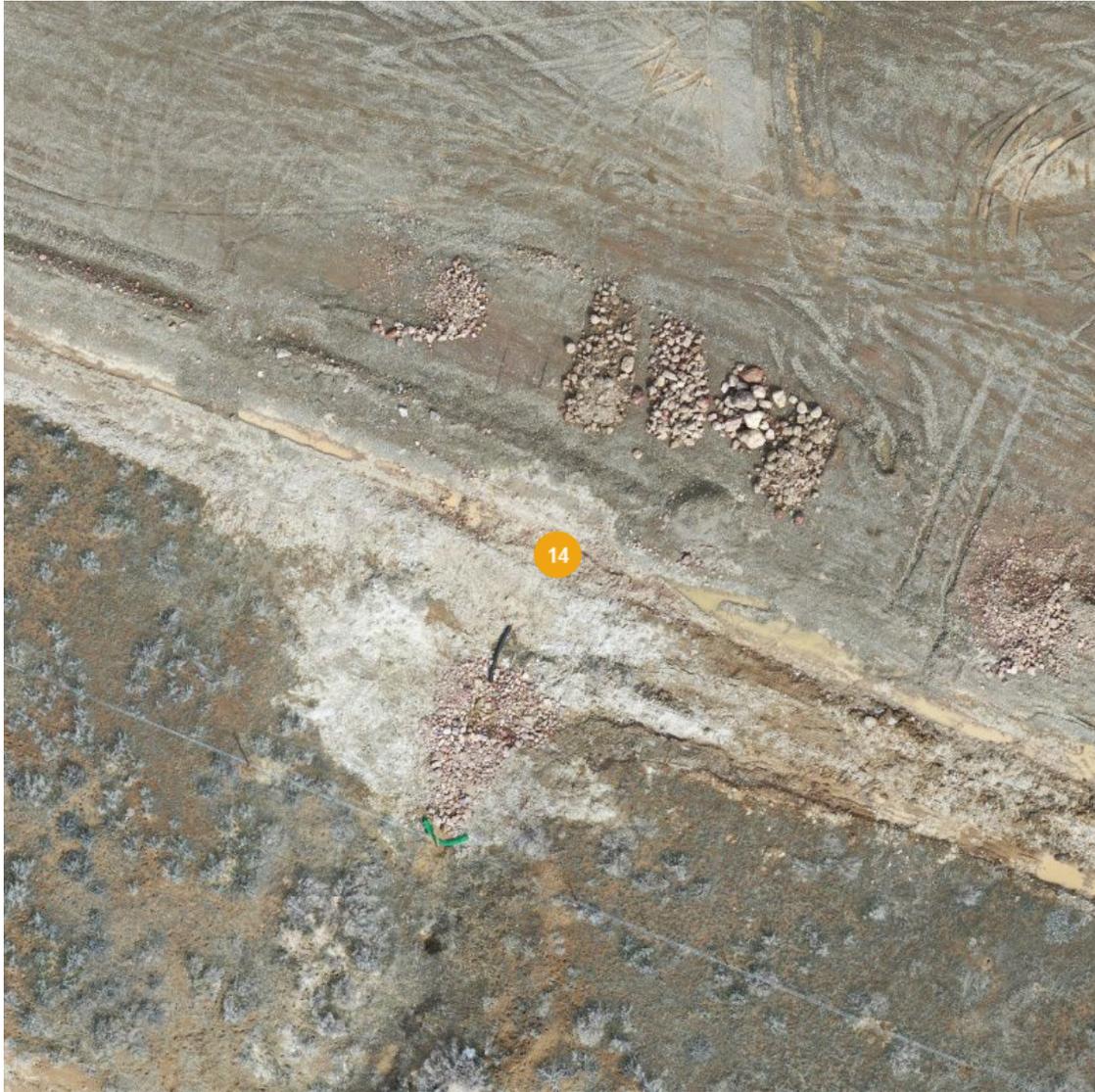
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14 - Observation

Open

Mar 12, 2024 at 11:53am



Details

Summary:	Sediment trap / Slope drain has not been constructed with a properly engineered basing and inlet.
Created:	Mar 13, 2024, 9:40am by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	40.2345926, -108.2534581
Northing:	1340238.1 US ft
Easting:	2231385.9 US ft
Elevation:	5916.53 US ft
NAD83(2011) / Colorado North (ftUS) (US survey foot)	

13 - Observation

Open

Mar 12, 2024 at 11:53am



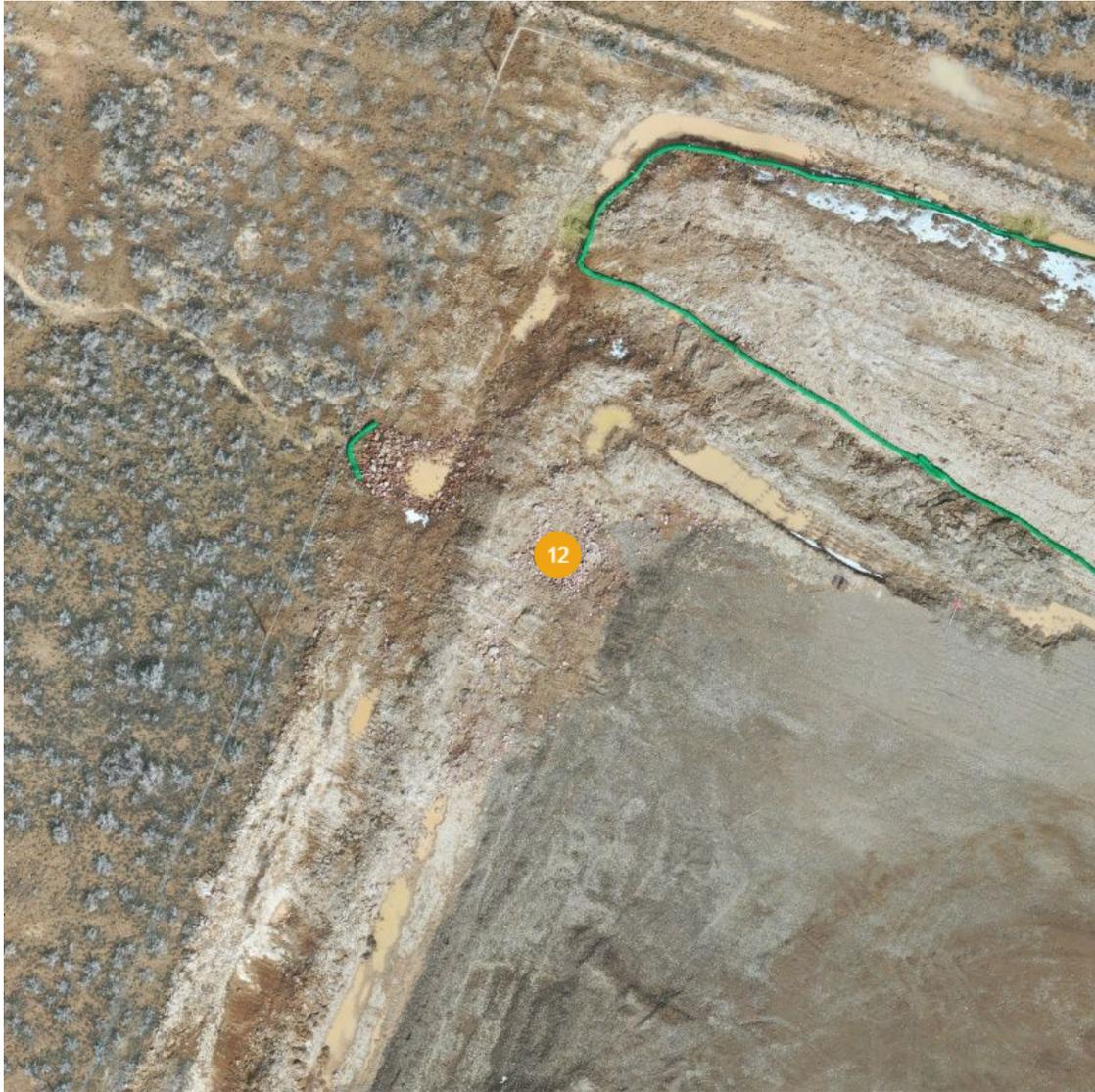
Details

Summary:	Sediment trap / Slope drain has not been constructed with a properly engineered basing and inlet.
Created:	Mar 13, 2024, 9:39am by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	40.2348859, -108.2543592
Northing:	1340352.8 US ft
Easting:	2231137.8 US ft
Elevation:	5917.10 US ft
NAD83(2011) / Colorado North (ftUS) (US survey foot)	

12 - Observation

Open

Mar 12, 2024 at 11:53am



Details

Summary:	Sediment trap / Slope drain has not been constructed with a properly engineered basing and inlet.
Created:	Mar 13, 2024, 9:39am by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	40.2359131, -108.2541443
Northing:	1340724.9 US ft
Easting:	2231209.3 US ft
Elevation:	5917.45 US ft

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

## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 8:** Photos examples showing the sediment traps and slope drains installed on the Location. BMPs have been implemented in conjunction with slope drains leading to rip-rap armored outlets. Outlets appear adequate however sediment traps and slope drains lack properly engineered basins, and inlet protections at the pipe connected to the slope drain.



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## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 9:** Continued from photo 8. Sediment traps and slope drains lack properly engineered basins, and inlet protections at the pipe connected to the slope drain.



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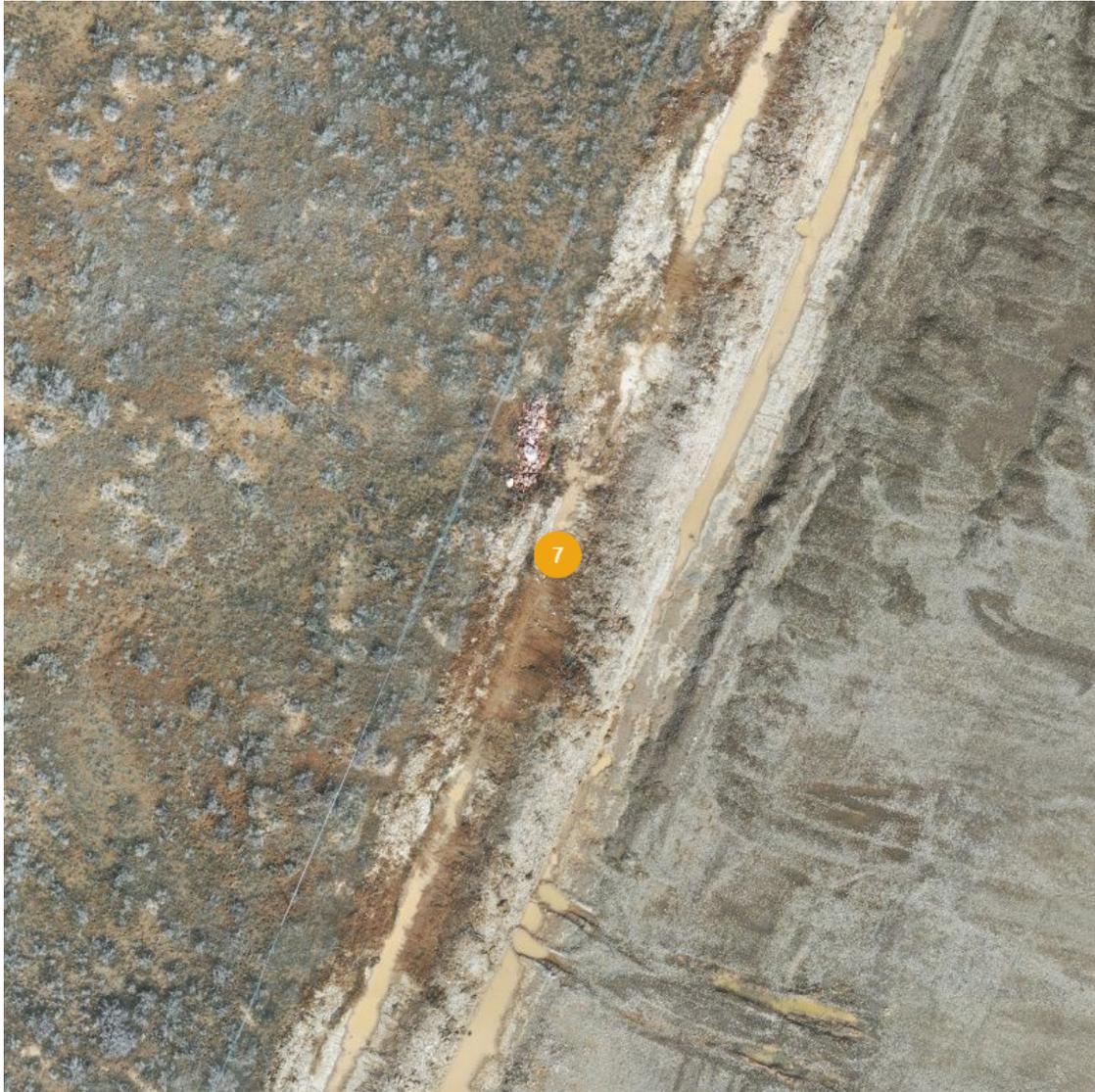
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### 7 - Observation

Open

Mar 12, 2024 at 11:53am



### Details

Summary: Stormwater diversion ditch on the west end of the Location has not been installed or maintained per good engineering practice.

Created: Mar 13, 2024, 8:49am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 40.2354698, -108.2544528

Northing: 1340566.1 US ft

Easting: 2231118.3 US ft

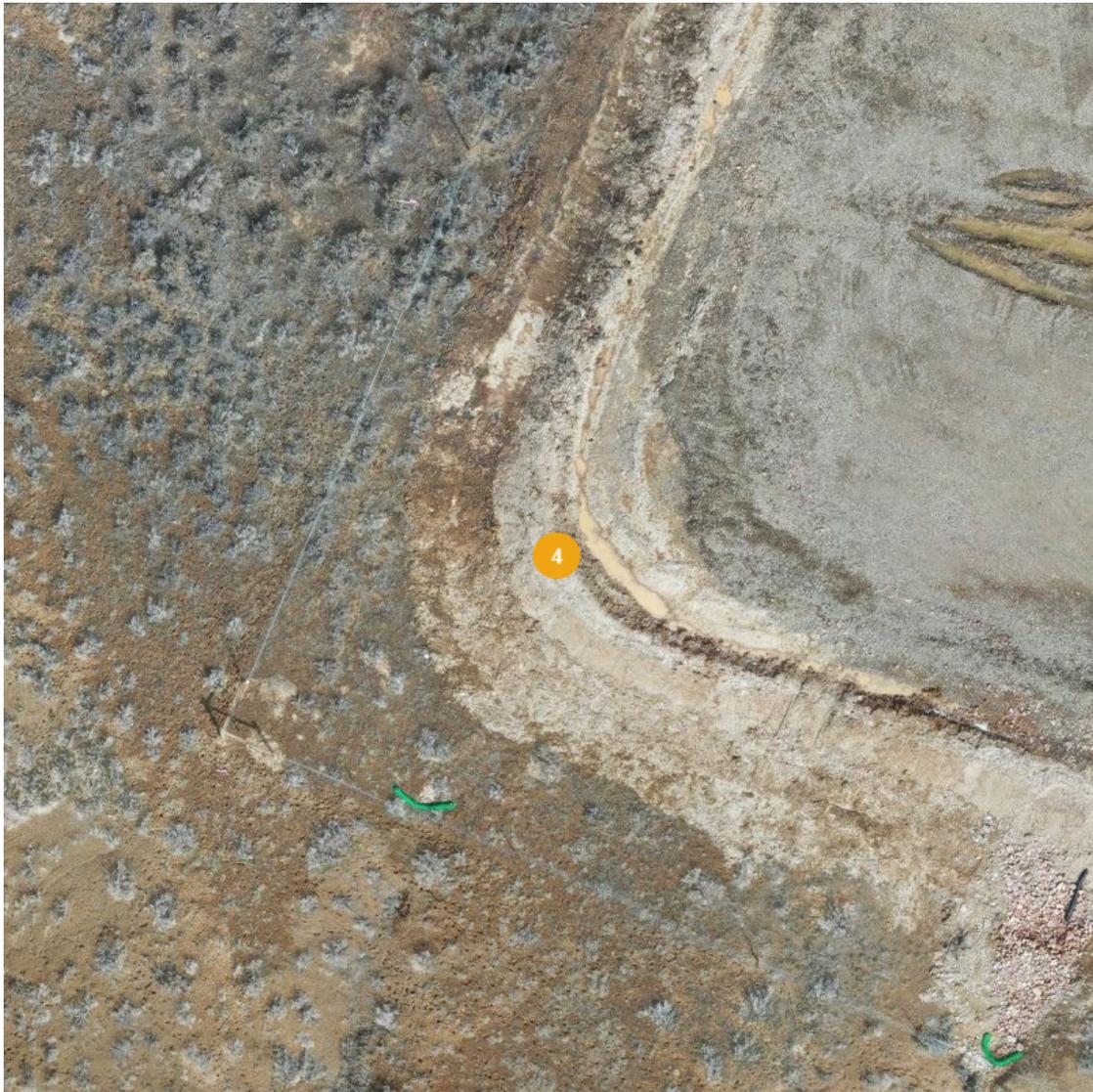
Elevation: 5914.71 US ft

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

### 4 - Observation

Open

Mar 12, 2024 at 11:53am



### Details

Summary: Berm along the southern and wester perimeter of the working pad surface has not been installed per good engineering practice; BMP lacks proper consolidation.

Created: Mar 13, 2024, 8:37am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 40.2349712, -108.2546586

Northing: 1340386.4 US ft

Easting: 2231055.2 US ft

Elevation: 5918.21 US ft

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

## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 10:** Photo taken from the west end of the Location, facing south. Ditch and berm have not been installed per good engineering practices. Perimeter controls to manage runoff in a manner that minimizes erosion, degradation and sediment transport remain inadequate.



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## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 11:** Photo taken from the southwest end of the Location, facing north. Ditch and berm have not been installed per good engineering practices. Perimeter controls to manage runoff in a manner that minimizes erosion, degradation and sediment transport remain inadequate.



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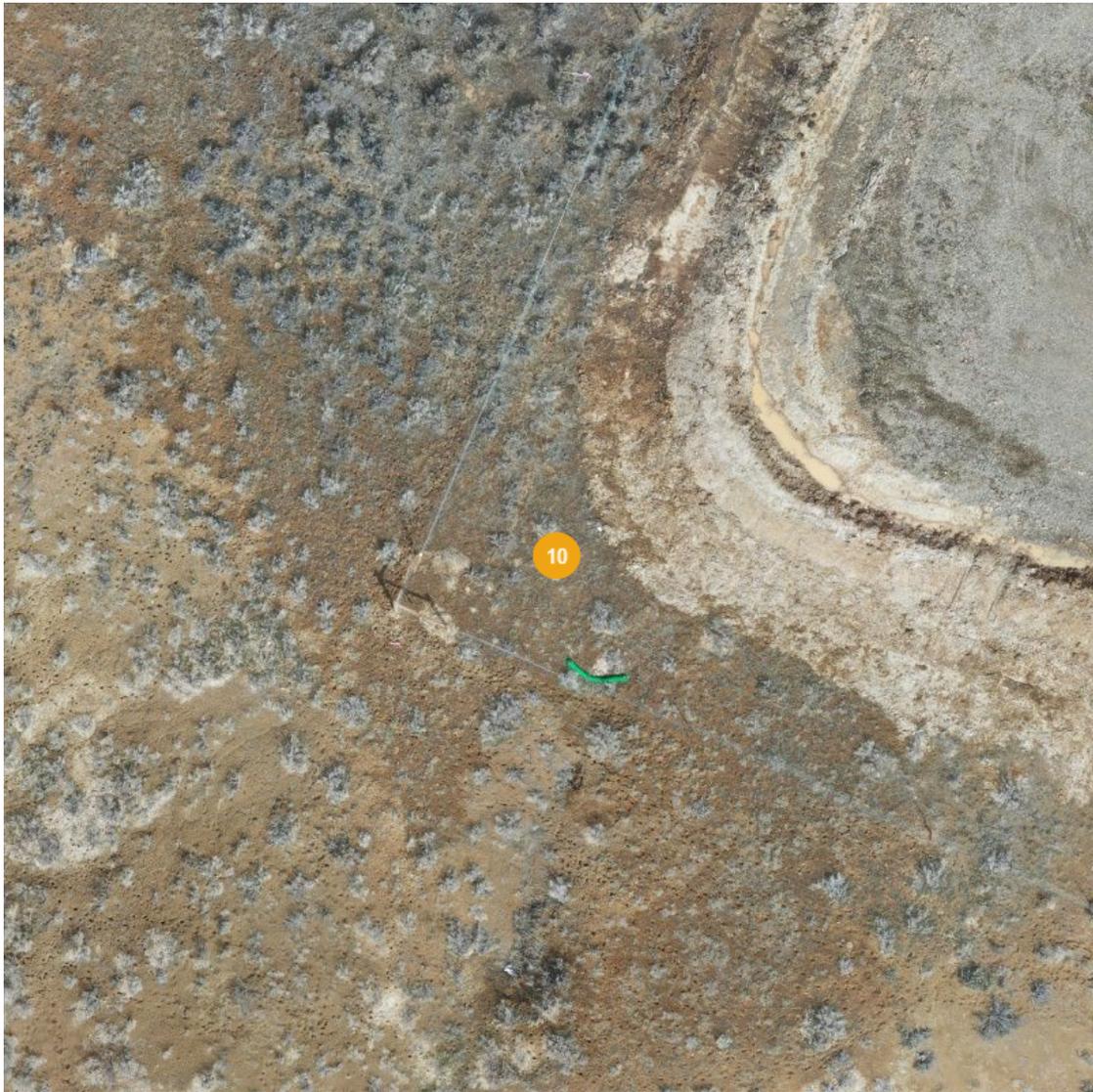
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10 - Observation

Open

Mar 12, 2024 at 11:53am



Details

Summary: Stormwater and erosion control measures along the perimeter of the disturbance remain missing or insufficient to manage runoff in a manner that minimizes erosion, degradation and sediment transport. Sediment transport/degradation from the slopes evident.

Created: Mar 13, 2024, 9:35am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 40.2349230, -108.2547446

Northing: 1340369.6 US ft

Easting: 2231030.6 US ft

Elevation: 5913.39 US ft

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

5 - Observation

Open

Mar 12, 2024 at 11:53am



Details

Summary: Fill slopes lack stabilization; BMPs to minimize erosion and degradation missing or insufficient at slopes on Location.

Created: Mar 13, 2024, 8:39am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 40.2348882, -108.2545861

Northing: 1340355.6 US ft

Easting: 2231074.5 US ft

Elevation: 5913.96 US ft

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

## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 12:** Photos taken from the southwest corner of the Location facing north and east. Photos examples showing slopes on the Location lack stabilization. Additionally, stormwater and erosion control measures along the perimeter to manage runoff in a manner that minimizes erosion, degradation and sediment transport remain missing or insufficient.



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Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 13:** Photos taken from the southwest corner of the Location facing southwest. See comments under photo 12.



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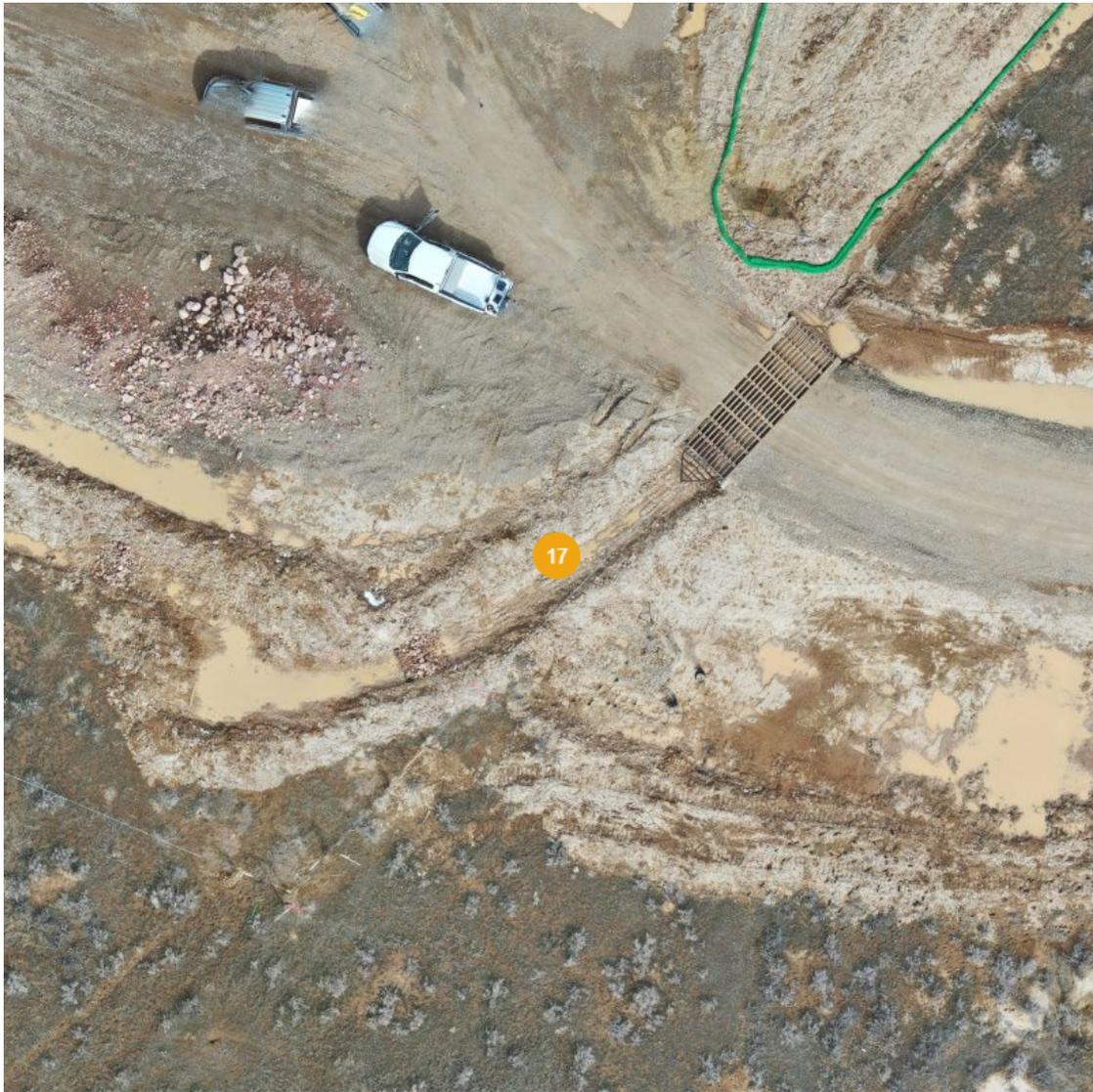
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17 - Observation

Open

Mar 12, 2024 at 11:53am



Details

Summary:

Ditch and berm lack consolidation.

Created:

Mar 13, 2024, 12:16pm by Aaron Trujillo

Cost of Repair:

—

Lat/Long:

40.2344552, -108.2528955

Northing:

1340183.2 US ft

Easting:

2231541.3 US ft

Elevation:

5917.94 US ft

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

## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



**Photo 14:** Photos taken from the southern end of the Location, facing east. Photos examples showing 1) slopes lack stabilization, 2) perimeter controls remains missing or insufficient to manage runoff in a manner that minimizes erosion, degradation and sediment transport remain missing or insufficient, and 3) the ditch/berm has not been installed per good engineering practices and lacks consolidation.



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## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



March 12, 2024



March 12, 2024

**Photo 15:** Photos taken from the southwest end of the working pad surface. Photos examples showing that the ditch/berm have not been installed per good engineering practices and lacks consolidation.



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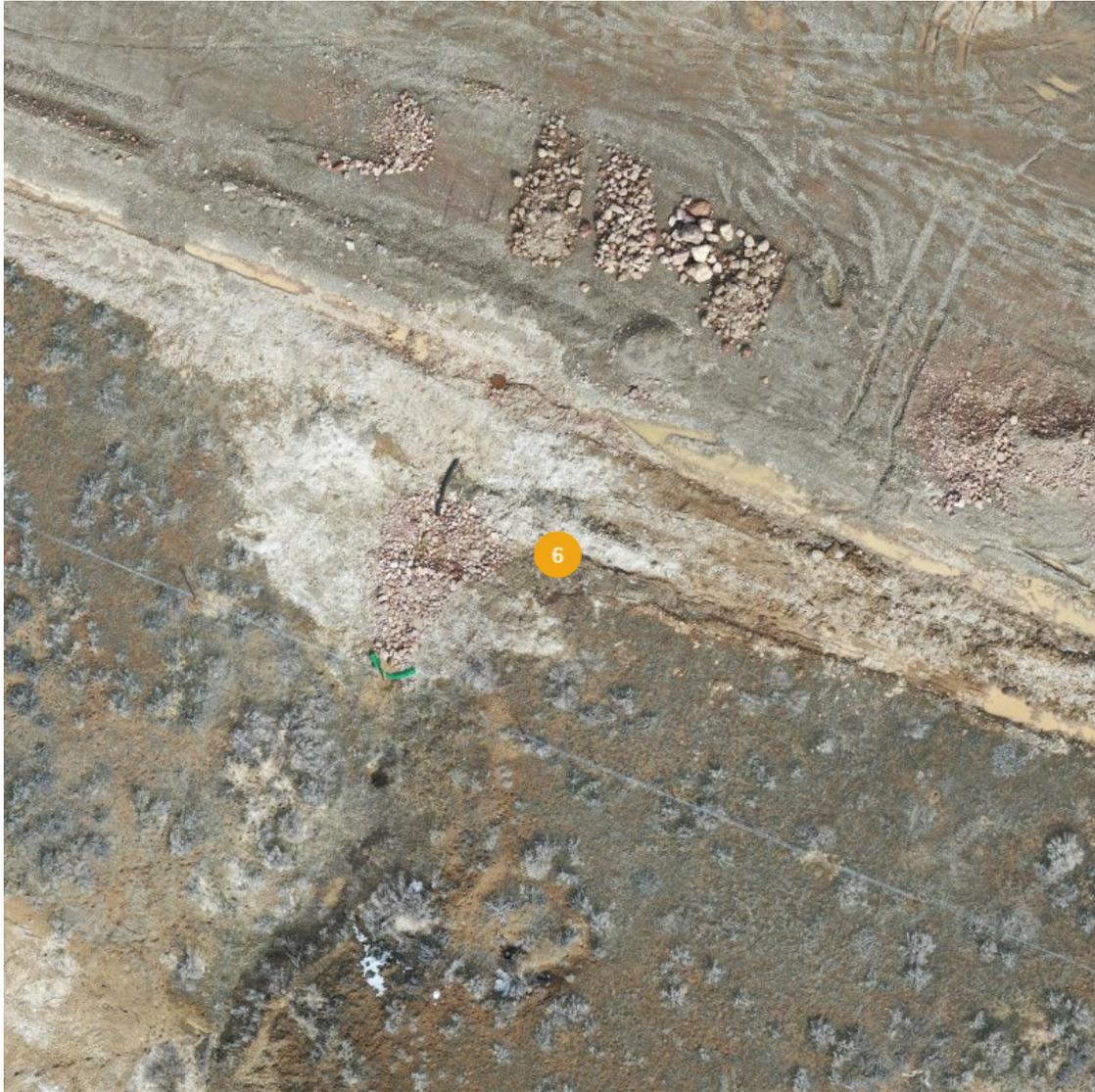
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6 - Observation

Open

Mar 12, 2024 at 11:53am



Details

Summary:	Outlet protections inadequate; erosion/degradation within the ditch observed.
Created:	Mar 13, 2024, 8:48am by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	40.2345294, -108.2534319
Northing:	1340214.9 US ft
Easting:	2231392.5 US ft
Elevation:	5913.13 US ft

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

## Inspection Photos

Operator Name: ANSCHUTZ EXPLORATION CORP #3104

Location ID: 484545



March 12, 2024



March 12, 2024

**Photo 16:** Photo taken from the ditch on the southeast end of the Location. Photo shows Outlet at the ditch leading off-site is inadequate, resulting in erosion degradation within the control.



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11 - Observation

Open

Mar 12, 2024 at 11:53am



Details

Summary:	Working pad surface lacks stabilization; tracking observed along southern areas of the pad.
Created:	Mar 13, 2024, 9:38am by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	40.23497, -108.25356