



**State of Utah**  
 DEPARTMENT OF NATURAL RESOURCES  
 MICHAEL R. STYLER  
*Executive Director*  
**Division of Oil, Gas and Mining**  
 JOHN R. BAZA  
*Division Director*

# Inspection Report

Permit Number:	<b>C0150015</b>
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, March 08, 2017
Start Date/Time:	3/8/2017 10:00:00 AM
End Date/Time:	3/15/2017 11:00:00 AM
Last Inspection:	Wednesday, February 15, 2017

Representatives Present During the Inspection:	
Company	Kit Pappas
OGM	Karl Houskeeper
OGM	Steve Demczak

Inspector: Steve Demczak  
 Weather: Sunny, 50's, Dry Conditions  
 InspectionID Report Number: 5800

Accepted by: DHADDOCK  
 3/20/2017

Permittee: **BRONCO UTAH OPERATIONS, LLC**  
 Operator: **BRONCO UTAH OPERATIONS, LLC**  
 Site: **EMERY DEEP MINE**  
 Address: **PO BOX 527, EMERY UT 84522**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

**Current Acreages**

473.80	<b>Total Permitted</b>
85.90	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

**Mineral Ownership**

- Federal
- State
- County
- Fee
- Other

**Types of Operations**

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

**Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:**

The permittee is in the process of building road to the new portals, surveying placements of water tank above the portals. These activities have been approved by the Division.  
 The permittee has blasted rock. The blaster documentation is submitted within this report.  
 A letter from the neighbor landowner is attached to this document. It states that Bronco Coal is helping the landowner with road repair and removal of large rocks.

Stephen J. Demczak

**Inspector's Signature:**

Steve Demczak,  
 Inspector ID Number: 39

**Date** Wednesday, March 5, 2017



**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.  
 telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **1. Permits, Change, Transfer, Renewal, Sale**

The permittee was in the process of constructing a road to the new portals. They have constructed a road to the area above the portals for placement of a water tank. These activities were approved by the Division.

### **3. Topsoil**

The topsoil piles were inspected with no signs of wind or water erosion.

### **4.a Hydrologic Balance: Diversions**

I inspected diversions and culverts throughout the property. They were open and would function as designed during a storm event. The structures were recently re-graded and clean out of sediment. See photos

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The sediment ponds were inspected with no signs of any hazardous conditions. The sediment ponds were dry. It is unlikely these structures will discharge in the near future. The embankments, inlets and outlets were stable.

### **4.d Hydrologic Balance: Water Monitoring**

The permittee did receive a Notice of Violation for not taking a water sample from water well. This is violation NOV 21192. The violation was issued by a Salt Lake City hydrologist.

### **7. Coal Mine Waste, Refuse Piles, Impoundments**

I inspected the refuse pile and it appears to be stable. I did not notice any hazardous conditions to the embankments. The refuse pile is active.

### **8. Noncoal Waste**

The property was clear of non-coal waste materials such as oil, trash and grease cans.

### **10. Slides and Other Damage**

No slides or other damage was noticed during the inspection. The mine site appears to be stable.

### **16.a Roads: Construction, Maintenance, Surfacing**

The permittee constructed a road for the water tank which will be above the portals. The road has sediment control along the out slope of the road. This road is classified as an ancillary road.

The permittee is also constructing a road to the new portals. The contractor had shot/blasted several boulders. Enclosed are the shot/blaster reports by the license blaster. See photos

Permit Number: C0150015  
Inspection Type: PARTIAL  
Inspection Date: Wednesday, March 08, 2017

**18. Support Facilities, Utility Installations**

The permittee is following the construction of roads and portals as approved in the Phase II amendment.



Customer		Seismograph MiniMate Plus			Conditions	
Company Name	Bronco Mine	Unit Number	N/A		Wind Direction	North East
Job Name/Location	Emery	Date Calibrated	N/A		Wind Conditions	0-15
Blaster in Charge	Steve Gurney	Distance From Shot	N/A		Weather	Windy
Bulk Truck Operator	N/A	Peak Particle Velocity	N/A		Type of Rock	Sandstone
Date of Shot	02/23/17	Peak Sound Pressure	N/A		Temperature	20
Blast Time	4:16 PM					
Shot Number	1					
Loading Information						
	Area 1	Area 2	Area 3	Area 4		
Number of Holes	61.00					
Decks Per Hole	1.00					
Hole Diameter	4.00					
Stemming	8.00					
Burden						
Spacing	4.00					
Avg Hole Dpth	40.00					
Total BCY's	0.00	0.00	0.00	0.00		Totals
Drill Footage	2,440.00	0.00	0.00	0.00	0.00	0.00
Trench Footage						0.00
Explosives						
Primers - (Each)	lbs each	Number Used	Date Code	Detonators and Caps	Number Used	Date Code
Spartan SP 350	0.75	123.00	19MY15J2	Nonel MS 40'	59.00	06OC14W1
Green Cap	0.33	1.00	23AV16E1	Nonel EZ Det 80'	68.00	28NO16X1
<b>Total LBS</b>		<b>92.58</b>				
Blasting Agent or Explosives	lbs each	Number Used	Date Code	Surface Delays	Number Used	Date Code
AN	1.00		NA	Nonel EZTL 30'42 Ms	5	21JY14X1
DIESEL FUEL	7.00		NA	Lead Line	2000.00	19SE16W1
ANFO BAGS - 50 lb	50.00	174.00	see notes below			
<b>Total LBS</b>		<b>8,700.00</b>				
Wet Hole Product	lbs each	Number Used	Date Code			
<b>Total LBS</b>						
Totals						
Total BCY's	0.00			Total Dets	127.00	
Powder Factor	#DIV/0!			Total Pounds in Shot	8,792.58	
Secondary Yardage				Max. Holes per Delay	1.00	
Gross Cubic Yards	0.00			Max Charge per 8 ms Delay in Lbs	150.00	
Distance and direction from nearest hole to closest structure:						
Crew including Blaster in Charge: Steve Gurney, Curtis Gurney, Mike Welch, Augo Iturro				Blaster's Signature	Steve Gurney	
				Date of Report:	02/24/17	
Anfo Bags: Date code 19OC15N1 USED 1, 05MY14N1 USED 9, 04AP16N1 USED 164, Double Primed most holes shot 61 holes and 7 Boulders						



Customer		Seismograph MiniMate Plus		Conditions		
Company Name	Bronco Mine	Unit Number	N/A	Wind Direction	North East	
Job Name/Location	Emery	Date Calibrated	N/A	Wind Conditions	0-15	
Blaster in Charge	Steve Gurney	Distance From Shot	N/A	Weather	Windy	
Bulk Truck Operator	N/A	Peak Particle Velocity	N/A	Type of Rock	Sandstone	
Date of Shot	02/24/17	Peak Sound Pressure	N/A	Temperature	20	
Blast Time	4:16 PM					
Shot Number	2					
<b>Loading Information</b>						
	Area 1	Area 2	Area 3	Area 4		
Number of Holes	10.00					
Decks Per Hole	1.00					
Hole Diameter	2.50					
Stemming	4.50					
Burden						
Spacing	5.00					
Avg Hole Dpth	8.00				<b>Totals</b>	
Total BCY's	0.00	0.00	0.00	0.00	0.00	
Drill Footage	80.00	0.00	0.00	0.00	80.00	
Trench Footage					0.00	
<b>Explosives</b>						
Primers - (Each)	lbs each	Number Used	Date Code	Detonators and Caps	Number Used	Date Code
Green Cap	0.33	10.00	23AU16E1	Nonel MS 40'	10.00	06OC14W1
<b>Total LBS</b>		<b>3.30</b>				
Blasting Agent or Explosives	lbs each	Number Used	Date Code	Surface Delays	Number Used	Date Code
AN	1.00		NA	Nonel EZTL 30'42 Ms	4	21JY14X1
DIESEL FUEL	7.00		NA	Lead Line	500.00	19SE16W1
ANFO BAGS - 50 lb	50.00	1.00	04AP16N			
<b>Total LBS</b>		<b>50.00</b>				
Wet Hole Product	lbs each	Number Used	Date Code			
<b>Total LBS</b>						
<b>Totals</b>						
Total BCY's	0.00			Total Dets	10.00	
Powder Factor	#DIV/0!			Total Pounds in Shot	53.30	
Secondary Yardage				Max. Holes per Delay	1.00	
Gross Cubic Yards	0.00			Max Charge per 8 ms Delay in Lbs	53.30	
Distance and direction from nearest hole to closest structure:						
Crew including Blaster in Charge: Steve Gurney, Curtis Gurney, Mike Welch, Augo Iturro				Blaster's Signature	<i>Steve Gurney</i>	
				Date of Report:	02/24/17	
Hand drilled 10 holes and shot over hanging boulders						



Customer		Seismograph MiniMate Plus		Conditions	
Company Name	Bronco Mine	Unit Number	N/A	Wind Direction	North East
Job Name/Location	Emery	Date Calibrated	N/A	Wind Conditions	0-15
Blaster in Charge	Steve Gurney	Distance From Shot	N/A	Weather	Windy
Bulk Truck Operator	N/A	Peak Particle Velocity	N/A	Type of Rock	Sandstone
Date of Shot	02/28/17	Peak Sound Pressure	N/A	Temperature	28
Blast Time	3:45 PM				
Shot Number	3				
<b>Loading Information</b>					
	<b>Area 1</b>	<b>Area 2</b>	<b>Area 3</b>	<b>Area 4</b>	
Number of Holes	17.00				
Decks Per Hole	1.00				
Hole Diameter	2.50				
Stemming	4.50				
Burden					
Spacing	5.00				
Avg Hole Dpth	6.00				
Total BCY's	0.00	0.00	0.00	0.00	<b>Totals</b> 0.00
Drill Footage	102.00	0.00	0.00	0.00	102.00
Trench Footage					0.00
<b>Explosives</b>					
Primers - (Each)	lbs each	Number Used	Date Code	Detonators and Caps	Number Used Date Code
Green Cap	0.25	17.00	23AU16E1	Nonel MS 16'	18.00 24JU13W1
Primacord 4Y	0.0036	250.00	19SE16W1		
<b>Total LBS</b>		<b>5.14</b>			
Blasting Agent or Explosives	lbs each	Number Used	Date Code	Surface Delays	Number Used Date Code
AN	1.00		NA		
DIESEL FUEL	7.00		NA	Lead Line	1000.00 19SE16W1
ANFO BAGS - 50 lb	50.00	1.00	05MY14N1		
<b>Total LBS</b>		<b>50.00</b>			
Wet Hole Product	lbs each	Number Used	Date Code		
<b>Total LBS</b>					
<b>Totals</b>					
Total BCY's	0.00			Total Dets	18.00
Powder Factor	#DIV/0!			Total Pounds in Shot	55.14
Secondary Yardage				Max. Holes per Delay	1.00
Gross Cubic Yards	0.00			Max Charge per 8 ms Delay in Lbs	55.14
Distance and direction from nearest hole to closest structure:					
Crew including Blaster in Charge: Steve Gurney, Mike Welch, Mike Weaver, Shane Beckstead				Blaster's Signature	<i>Steve Gurney</i>
				Date of Report:	03/01/17
Hand drilled 17 holes 6' deep and shot unmovable boulders. Used det cord for istatanious combustion.					



Customer		Seismograph MiniMate Plus		Conditions		
<b>Company Name</b>	Bronco Mine	<b>Unit Number</b>	N/A	<b>Wind Direction</b>	North East	
<b>Job Name/Location</b>	Emery	<b>Date Calibrated</b>	N/A	<b>Wind Conditions</b>	0-10	
<b>Blaster in Charge</b>	Steve Gurney	<b>Distance From Shot</b>	N/A	<b>Weather</b>	Partly Cloudy	
<b>Bulk Truck Operator</b>	N/A	<b>Peak Particle Velocity</b>	N/A	<b>Type of Rock</b>	Sandstone	
<b>Date of Shot</b>	03/01/17	<b>Peak Sound Pressure</b>	N/A	<b>Temperature</b>	28	
<b>Blast Time</b>	3:45 PM					
<b>Shot Number</b>	4					
<b>Loading Information</b>						
	<b>Area 1</b>	<b>Area 2</b>	<b>Area 3</b>	<b>Area 4</b>		
<b>Number of Holes</b>	35.00					
<b>Decks Per Hole</b>	1.00					
<b>Hole Diameter</b>	3.00					
<b>Stemming</b>	5.50					
<b>Burden</b>						
<b>Spacing</b>	7.00					
<b>Avg Hole Dpth</b>	10.00					
<b>Total BCY's</b>	0.00	0.00	0.00	0.00	<b>Totals</b> 0.00	
<b>Drill Footage</b>	350.00	0.00	0.00	0.00	350.00	
<b>Trench Footage</b>					0.00	
<b>Explosives</b>						
<b>Primers - (Each)</b>	<b>lbs each</b>	<b>Number Used</b>	<b>Date Code</b>	<b>Detonators and Caps</b>	<b>Number Used</b>	<b>Date Code</b>
Dyno Spartan 350	0.33	35.00	19MY15J2	Nonel MS 40'	36.00	06OC14W1
Primacord 4Y	0.0036	250.00	07NO16G1			
<b>Total LBS</b>		12.44				
<b>Blasting Agent or Explosives</b>						
	<b>lbs each</b>	<b>Number Used</b>	<b>Date Code</b>	<b>Surface Delays</b>	<b>Number Used</b>	<b>Date Code</b>
AN	1.00		NA			
DIESEL FUEL	7.00		NA	Lead Line	750.00	19SE16W1
ANFO BAGS - 50 lb	50.00	3.00	05MY14N1			
<b>Total LBS</b>		150.00				
<b>Wet Hole Product</b>						
	<b>lbs each</b>	<b>Number Used</b>	<b>Date Code</b>			
<b>Total LBS</b>						
<b>Totals</b>						
<b>Total BCY's</b>		0.00		<b>Total Dets</b>		36.00
<b>Powder Factor</b>		#DIV/0!		<b>Total Pounds in Shot</b>		162.44
<b>Secondary Yardage</b>				<b>Max. Holes per Delay</b>		1.00
<b>Gross Cubic Yards</b>		0.00		<b>Max Charge per 8 ms Delay in Lbs</b>		162.44
<b>Distance and direction from nearest hole to closest structure:</b>						
Crew including Blaster in Charge: Steve Gurney, Mike Welch, Mike Weaver, Shane Beckstead						
				<b>Blaster's Signature</b>	<i>Steve Gurney</i>	
				<b>Date of Report:</b>	03/01/17	



P.O. Box 527, Emery, Utah 84522

Phone: 435-286-2447 – Fax: 435-286-2382

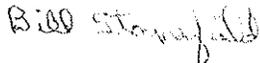
March 14, 2017

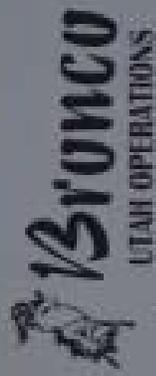
To whom it may concern:

As the property owner adjacent to Bronco's Emery Mine, I have asked for their assistance with several projects on my farm since they have equipment nearby to help with my pivot installation, road repair, and more recently, I had asked them if they could send their crane to help with moving some large rocks that I wished to place on my property. Unfortunately, the crane broke down on my property and will not be repaired until early next week.

I appreciate all the help Bronco has provided for me.

Sincerely,

  
William Stansfield



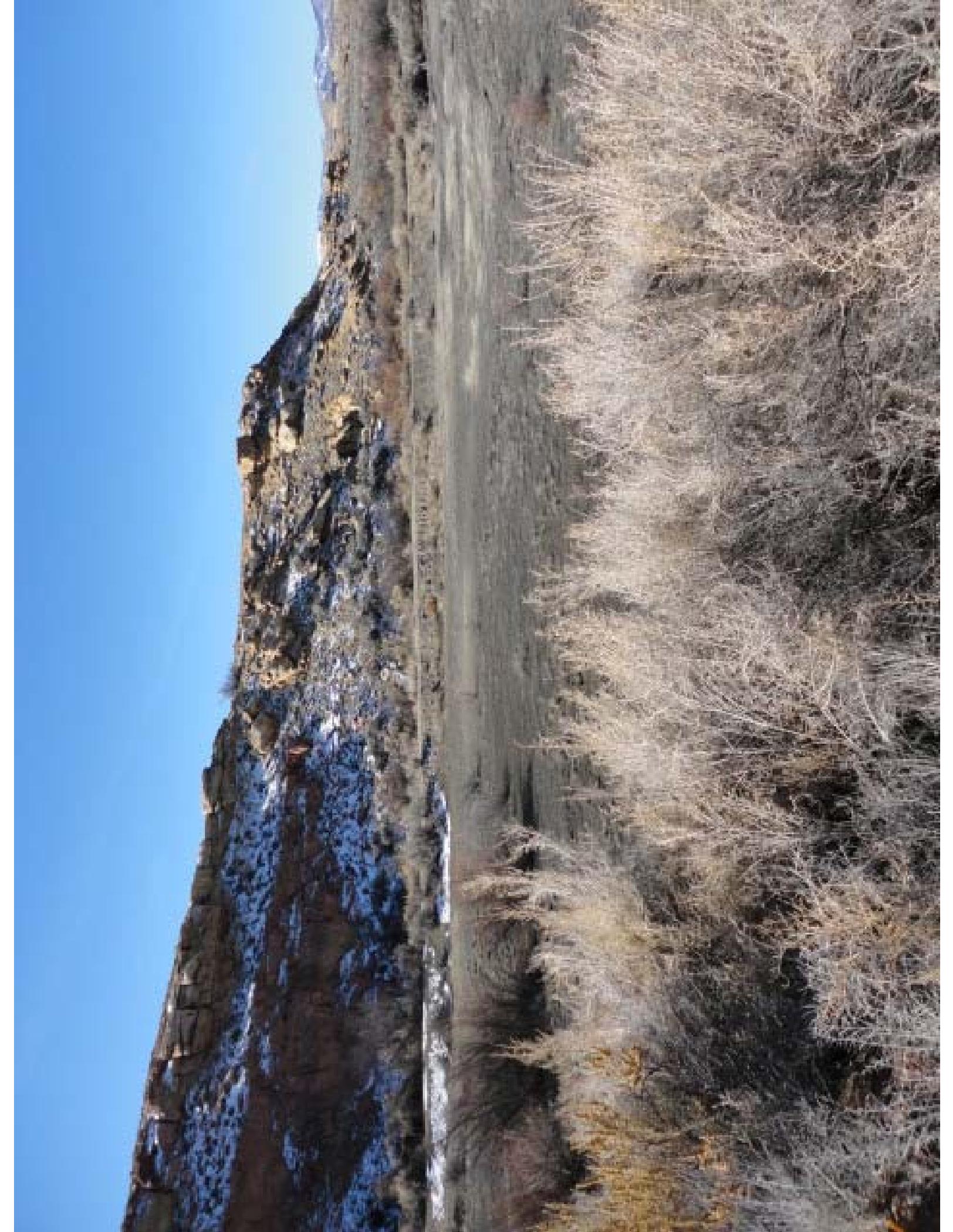
UTAH STATE MINING PERMIT  
ACT 015-015

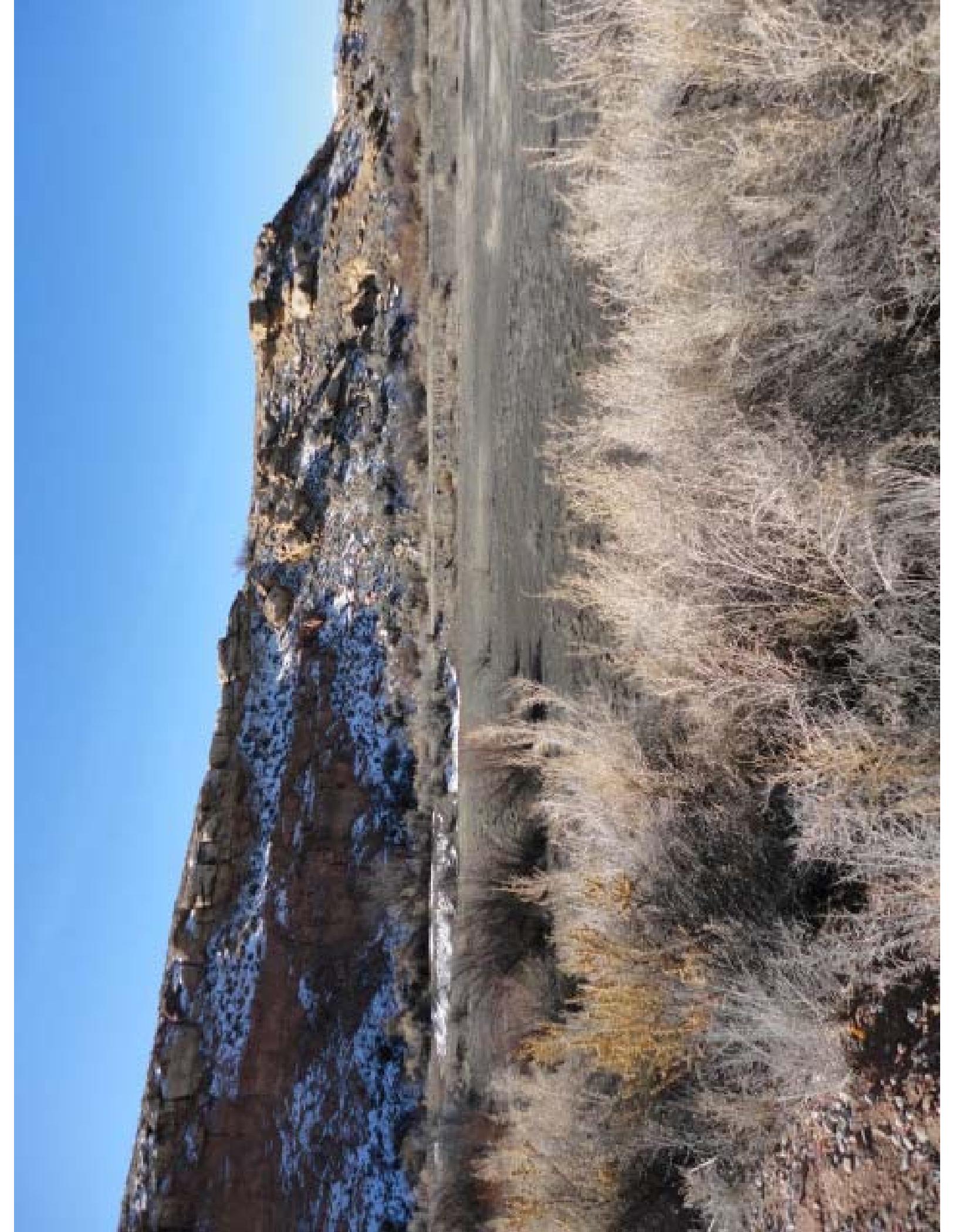
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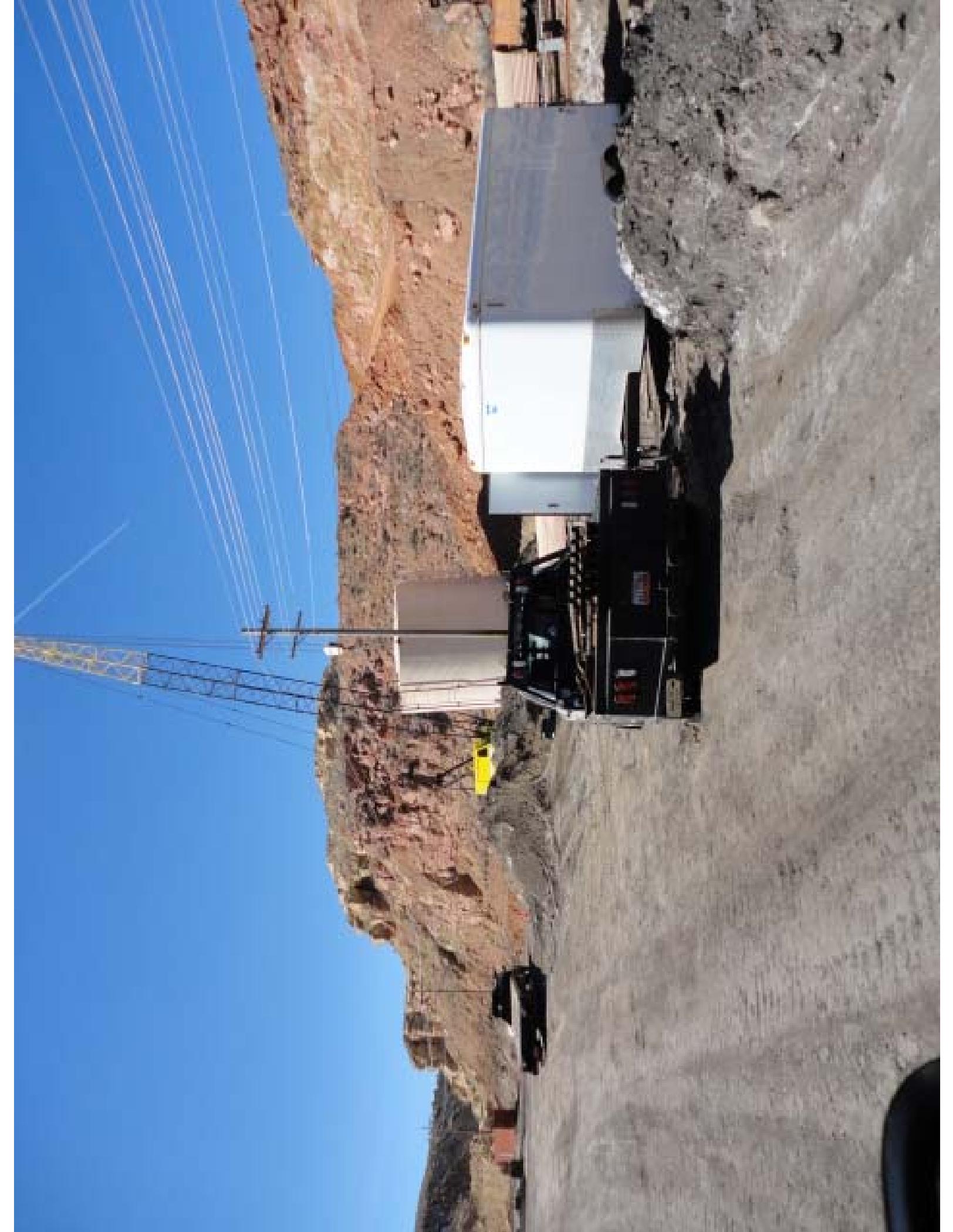
PHONE 435-286-2147

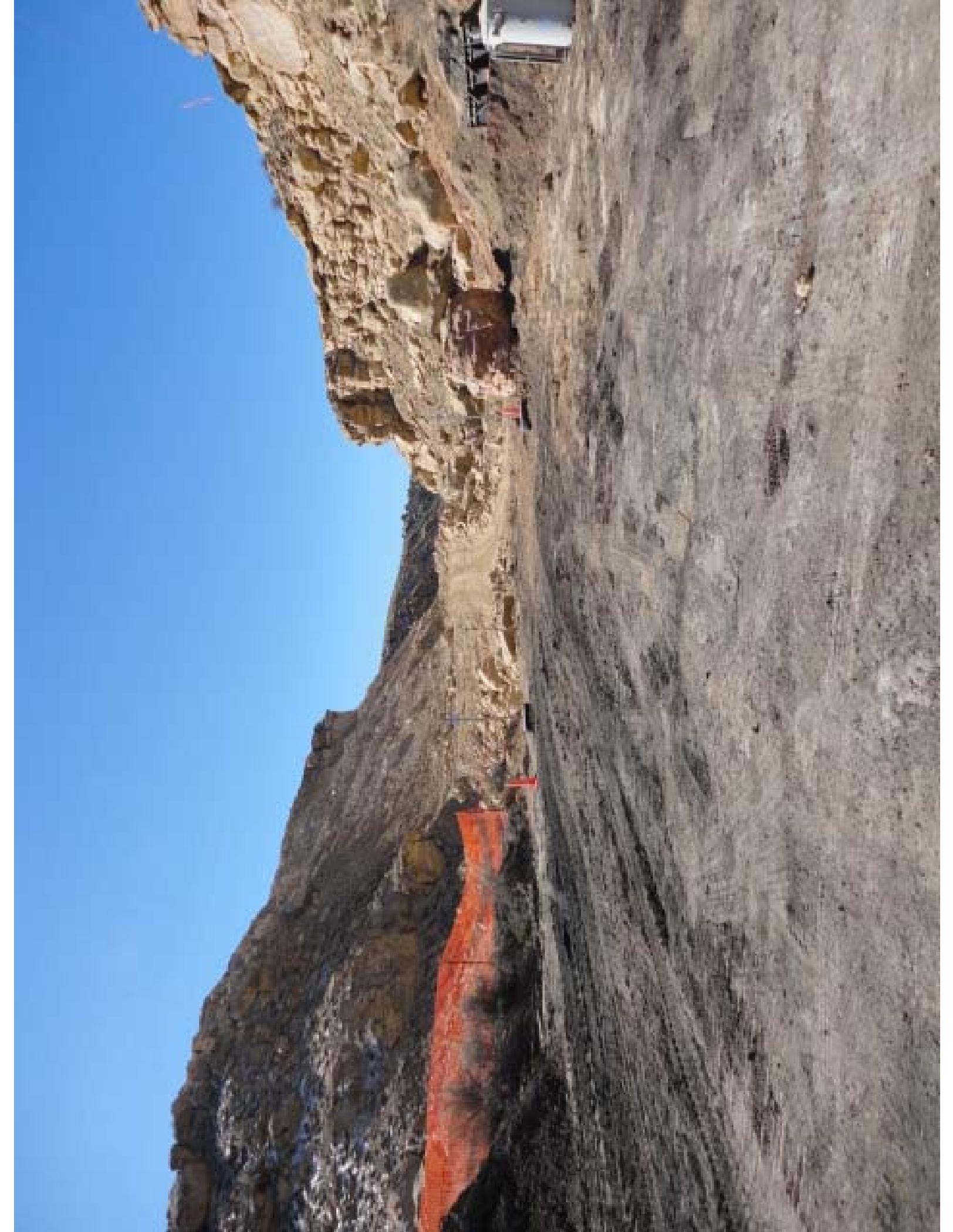
**ALL VISITORS MUST  
REGISTER AT MINE OFFICE**

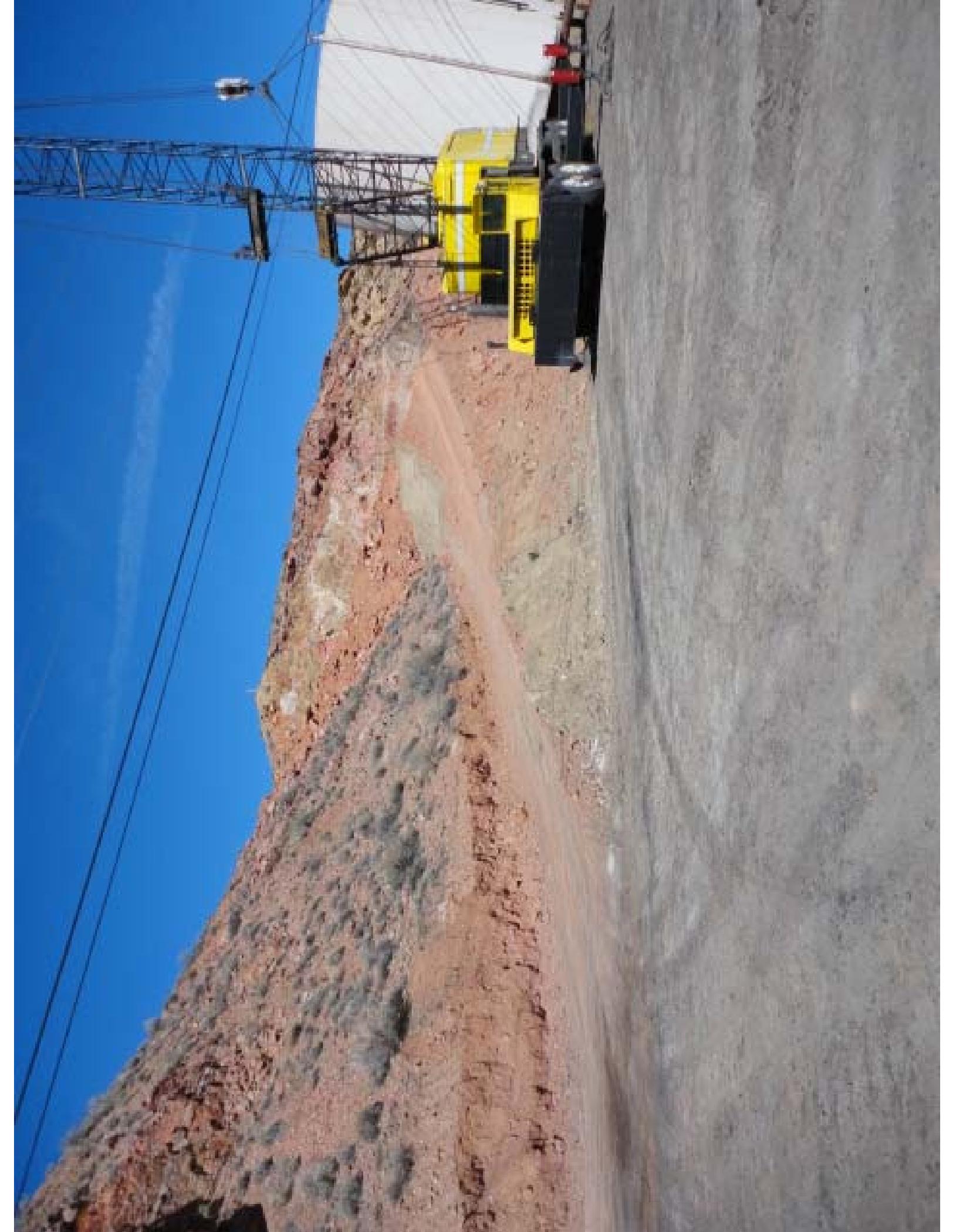




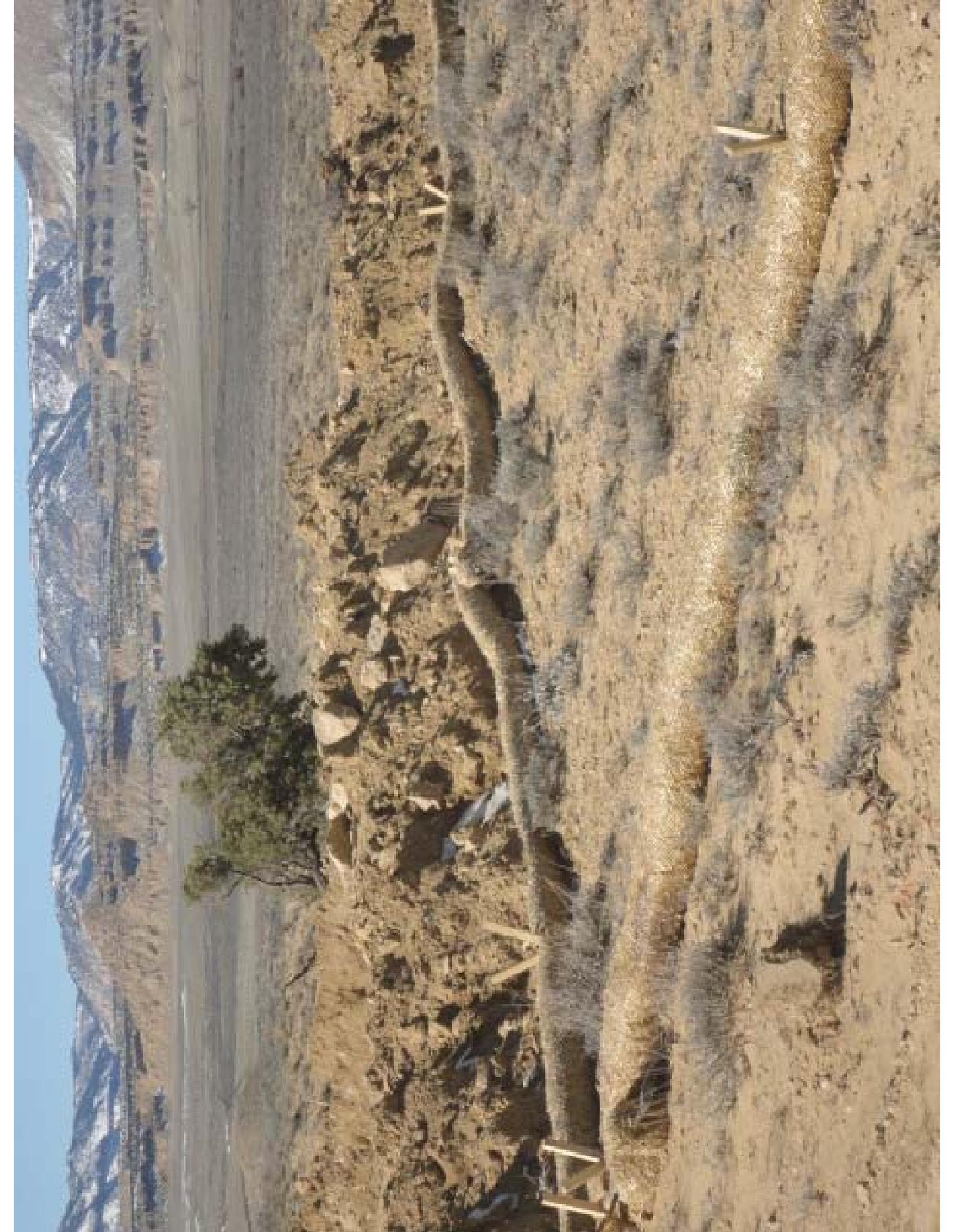














**TOP SOIL**  
Do Not Disturb  
Brewster Natl. Obs.







