



**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:	C0150009
Inspection Type:	PARTIAL
Inspection Date:	Thursday, April 26, 2018
Start Date/Time:	4/26/2018 11:30:00 AM
End Date/Time:	4/26/2018 1:00:00 PM
Last Inspection:	Wednesday, March 21, 2018

Representatives Present During the Inspection:	
OGM	Justin Eatchel
Company	Bryant Bunnell

Inspector: Justin Eatchel  
 Weather: Sunny & warm, 65F  
 InspectionID Report Number: 6137  
 Accepted by:

Permittee: **FOSSIL ROCK RESOURCES, LLC**  
 Operator: **FOSSIL ROCK RESOURCES, LLC**  
 Site: **FOSSIL ROCK MINE**  
 Address: **225 North 5th Street, 9th Floor, CO 81501**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

**Current Acreages**

3,564.83	<b>Total Permitted</b>
27.83	<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:**

This partial inspection of the Fossil Rock Waste Rock Site was completed on Thursday, April 26, 2018. Most of the site was surveyed on foot, and the condition of the facilities were assessed.

Inspector's Signature:

*Justin Eatchel*

Date

Tuesday, May 8, 2018

Justin Eatchel,

Inspector ID Number: 73

**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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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"/>

## **2. Signs and Markers**

Signage was in place and in good condition. Topsoil piles are marked with topsoil signs, and disturbance limit signs are in place.

## **3. Topsoil**

The topsoil piles appear to be moderately vegetated, and the main topsoil pile on the South of the permit area doesn't have as many erosional features as the subsoil stockpile on the other side of the sediment pond.

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

Diversions at the Waste Rock Site are stable and appear to be functioning properly, although most diversions are in need of some maintenance to clear out accumulating silt.

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

The sediment pond is completely dry.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

The silt fences along the South of the topsoil pile appear to be in good operating condition.

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

Check dams along primary road into the Waste Rock Site will be cleaned out some time in the next few months.

### **16.b Roads: Drainage Controls**

The north facing slopes of the subsoil pile are naturally draining and following the curve of the dirt road that wraps around the perimeter of the subsoil pile itself. As the road and the drainage channel curve around towards the sediment pond, a small drainage ditch is recommended to assist the course of the drainage into the sediment pond instead of flowing over the road and off of the property.

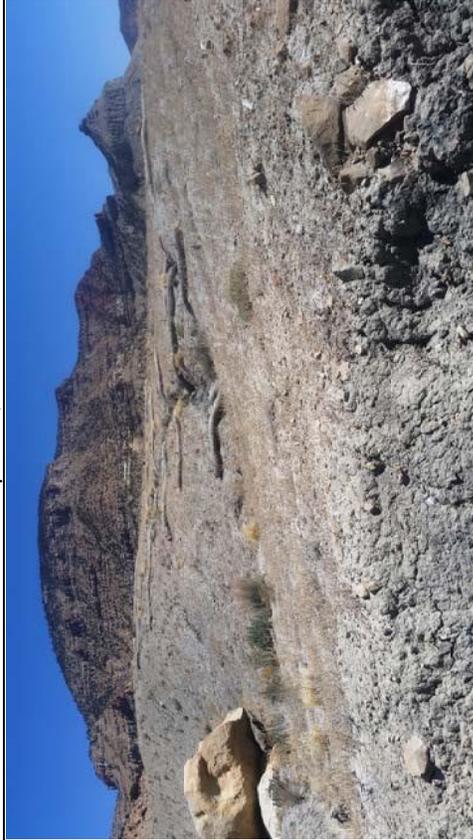
**ATTACHMENT A – Photos April 26, 2018 Partial Inspection – Fossil Rock (Waste Rock Site)**



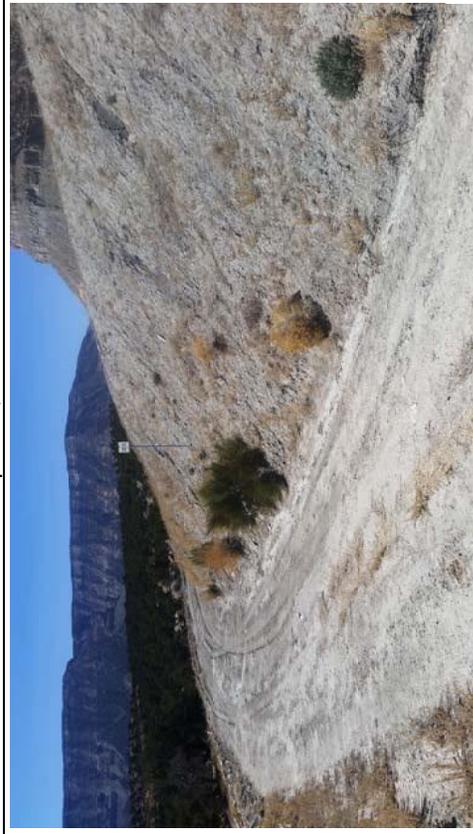
**PHOTO 1 – LOOKING EAST TOWARDS SEDIMENT POND**  
Subsoil stockpile on the left, topsoil stockpile on the right.  
April 26, 2018



**PHOTO 2 – SEDIMENT POND**  
Topsoil stockpile just behind the pond.  
April 26, 2018



**PHOTO 3 – SUBSOIL STOCKPILE**  
Wattles placed perpendicular to rilling to arrest sediment transport.  
April 26, 2018



**PHOTO 4 – SUBSOIL STOCKPILE**  
A small channel here may assist runoff into the sediment pond.  
April 26, 2018

**ATTACHMENT A – Photos April 26, 2018 Partial Inspection – Fossil Rock (Waste Rock Site)**



**PHOTO 5 – DIVERSION ALONG PRIMARY ROAD**

Scheduled maintenance in the next couple of months will remove the accumulating silt.  
April 26, 2018



**PHOTO 6 – SOUTH SIDE OF TOPSOIL STOCKPILE**

Silt fences appear to be intact and performing as intended.  
April 26, 2018



**PHOTO 7 – THE TOP OF THE TOPSOIL STOCKPILE**

Not as much rilling has occurred here compared to the subsoil stockpile.  
April 26, 2018



**PHOTO 8 – SEDIMENT POND**

It's dry.

April 26, 2018