



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:	COMPLETE
Inspection Date:	Tuesday, December 19, 2017
Start Date/Time:	12/19/2017 10:30:00 AM
End Date/Time:	12/19/2017 1:00:00 PM
Last Inspection:	Thursday, November 30, 2017

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

Inspector: Justin Eatchel
 Weather: Sunny & Fair, 55F
 InspectionID Report Number: 6043
 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	Total Permitted
27.83	Total Disturbed
	Phase I
	Phase II
	Phase III

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:

Met with Bryant Bunnell at the Fossil Rock main facility site for a complete inspection. The inspection terminated at the Fossil Rock Waste Rock Disposal site. Site appears stable.

Inspector's Signature:

Justin Eatchel

Date Wednesday, December 20, 2017

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 checked="" 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 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 type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" 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 checked="" 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 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Signs and Markers

Signage was present, in good repair, and up to date at both the mine site and waste rock site.

4.a Hydrologic Balance: Diversions

Diversions appeared to be in good working order. All runoff is being properly conveyed to the sediment ponds at both the waste rock site and the mine site. The diversions at the waste rock site were approximately 2/3 full of sediment from the nearby slopes, but the diversion channels are still stable and functioning.

10. Slides and Other Damage

Vandalism to the structures at the main mine site several months ago have been repaired and new locks and chains installed where necessary.

21. Bonding and Insurance

The current reclamation bond is for \$1,154,000. Certificate of liability insurance is provided, and expires on 2/1/2018. Liability insurance does not exclude the use of blasting and explosives.

<p>ATTACHMENT A – December 19, 2017 complete inspection</p>	
	
<p>PHOTO 1 – POSTED PERMIT, MAIN SITE Current and in good shape. December 19, 2017</p>	<p>PHOTO 2 – INTAKE CULVERT, MAIN SITE This bypass culvert routes Cottonwood Creek under and through the main mine site. Culvert was clean and free of debris. December 19, 2017</p>
	
<p>PHOTO 3 – INTAKE CULVERT, MAIN SITE This bypass culvert drains a side canyon to the west of the main site. Culvert was clean with only a small amount of debris at the mouth. December 19, 2017</p>	<p>PHOTO 4 – DIVERSION, MAIN SITE Diversions along the east of the main site and parallel to the county road were clean and free of debris. December 19, 2017</p>

ATTACHMENT A – December 19, 2017 complete inspection



PHOTO 5 – SEDIMENT POND, MAIN SITE

Sediment pond is and has been completely dry for several months.
December 19, 2017



PHOTO 6 – 24” CMP DROP DRAIN

Drop drain which runs under the county road and hooks into buried 66” Cottonwood culvert. Culvert inlet was clear and free of debris.
December 19, 2017



PHOTO 7 – POSTED PERMIT, WASTE ROCK SITE

Current, and in good shape.
December 19, 2017

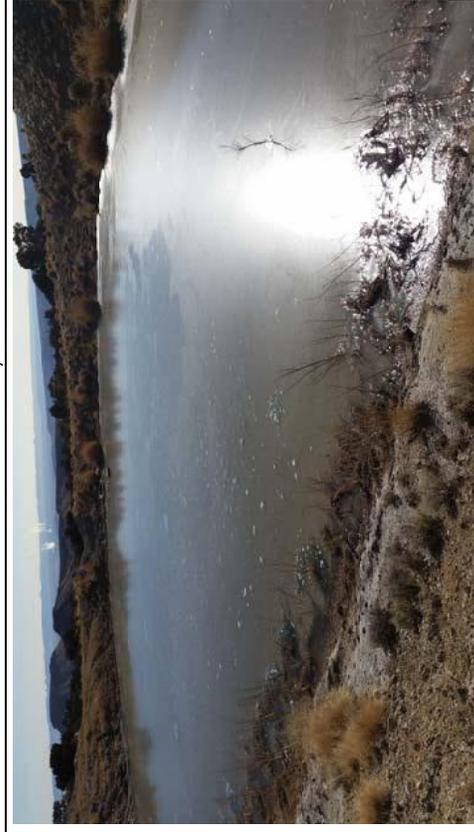


PHOTO 8 – SEDIMENT POND, WASTE ROCK SITE

Pond is maybe half full, and covered by a thin layer of ice.
December 19, 2017

ATTACHMENT A – December 19, 2017 complete inspection



PHOTO 9 – SUBSOIL STOCKPILE, WASTE ROCK SITE
 Deeply cut drainage channels with wattles running perpendicular.
 December 19, 2017



PHOTO 10 – SILT FENCES, WASTE ROCK SITE
 This silt fence at the base of the subsoil stockpile appeared to be in good shape.
 December 19, 2017



PHOTO 11 – DIVERSION DITCH, WASTE ROCK SITE
 This diversion ditch on the west of the disturbed area is gradually filling with sediment from nearby slopes, but is still functioning.
 December 19, 2017

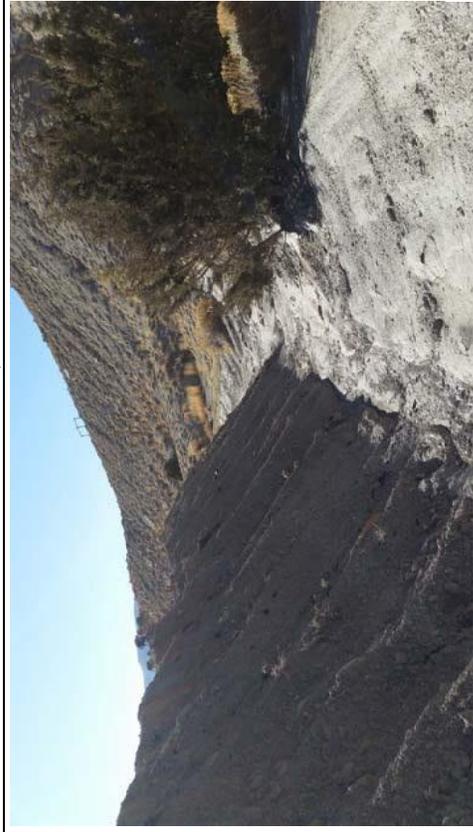


PHOTO 12 - DIVERSION DITCH, WASTE ROCK SITE
 This diversion ditch on the west of the disturbed area is gradually filling with sediment from nearby slopes, but is still functioning.
 December 19, 2017