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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:	Wednesday, August 29, 2018
Start Date/Time:	8/29/2018 10:30:00 AM
End Date/Time:	8/29/2018 12:00:00 PM
Last Inspection:	Monday, July 30, 2018

Inspector: Justin Eatchel,

Weather: Sunny and clear, 78F

InspectionID Report Number: 6231

Accepted by:

Representatives Present During the Inspection:	
OGM	Justin Eatchel
Company	Vicky Miller

Permitee: **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

43.82	**Total Permitted**
27.83	**Total Disturbed**
	Phase I
	Phase II
	Phase III

Mineral Ownership

- [x] Federal
- [x] State
- [ ] County
- [x] Fee
- [ ] Other

Types of Operations

- [x] Underground
- [ ] Surface
- [ ] Loadout
- [ ] Processing
- [ ] Reprocessing

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

The Division met with Vicky Miller at the main mine site in Cottonwood Canyon for this partial inspection. Much of the site was physically inspected, with particular attention given to the undisturbed culverts and the sediment pond.

Inspector's Signature: Justin Eatchel **Date** Wednesday, September 5, 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.

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Inspection Continuation Sheet

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 performace 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	☐	☐	☐	☐
2. Signs and Markers	☑	☐	☑	☐
3. Topsoil	☑	☐	☐	☐
4.a Hydrologic Balance: Diversions	☑	☐	☑	☐
4.b Hydrologic Balance: Sediment Ponds and Impoundments	☑	☐	☑	☐
4.c Hydrologic Balance: Other Sediment Control Measures	☑	☐	☐	☐
4.d Hydrologic Balance: Water Monitoring	☐	☑	☐	☐
4.e Hydrologic Balance: Effluent Limitations	☐	☑	☐	☐
5. Explosives	☐	☑	☐	☐
6. Disposal of Excess Spoil, Fills, Benches	☑	☐	☐	☐
7. Coal Mine Waste, Refuse Piles, Impoundments	☑	☐	☐	☐
8. Noncoal Waste	☑	☐	☐	☐
9. Protection of Fish, Wildlife and Related Environmental Issues	☑	☐	☐	☐
10. Slides and Other Damage	☑	☐	☑	☐
11. Contemporaneous Reclamation	☐	☐	☐	☐
12. Backfilling And Grading	☐	☑	☐	☐
13. Revegetation	☐	☑	☐	☐
14. Subsidence Control	☐	☑	☐	☐
15. Cessation of Operations	☑	☐	☐	☐
16.a Roads: Construction, Maintenance, Surfacing	☑	☐	☐	☐
16.b Roads: Drainage Controls	☑	☐	☐	☐
17. Other Transportation Facilities	☐	☑	☐	☐
18. Support Facilities, Utility Installations	☑	☐	☐	☐
19. AVS check	☐	☐	☐	☐
20. Air Quality Permit	☐	☐	☐	☐
21. Bonding and Insurance	☐	☐	☐	☐
22. Other	☐	☐	☐	☐

2. Signs and Markers

Permit sign and no trespassing signs were posted on the perimeter fence and appeared to be in good condition.

4.a Hydrologic Balance: Diversions

The inlets of the undisturbed drainage culverts were inspected and found to be relatively clear and in good condition. The vegetation at the 66" Cottonwood Creek culvert inlet appeared to be encroaching slightly, but the Permittee indicated that plans were in place to trim back the shrubbery there in the near future. The 24" CMP drop drain that collects mine water from the old Cottonwood mine was clear of debris, and receiving its usual steady flow.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Little has changed about the sediment pond from the last inspection that occurred two months ago. Persistently dry conditions have kept this pond dry for most of the summer, and the only moisture in this pond was in the form of a small patch of green foxtail weeds.

10. Slides and Other Damage

No new vandalism to any of the buildings or other vacant structures was apparent.

ATTACHMENT A – August 29, 2018 partial inspection

PHOTO 1 – POSTED PERMIT, MAIN SITE
The north end of the permit area.

PHOTO 2 – INTAKE CULVERT, MAIN SITE
Looking due south.

PHOTO 3 – INTAKE CULVERT, MAIN SITE
Looking due north.

PHOTO 4 – DIVERSION, MAIN SITE
The inlet of the 48” CMP culvert that diverts runoff underneath the topsoil stockpile west of the buildings.

ATTACHMENT A – August 29, 2018 partial inspection

PHOTO 5 – SEDIMENT POND, MAIN SITE
Sediment pond is and has been almost completely dry for several months.

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.

PHOTO 7 – 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.