

Q



GARY R. HERBERT  
Governor

GREG BELL  
Lieutenant Governor

# 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:	C0410002
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, March 26, 2013
Start Date/Time:	3/26/2013 11:30:00 AM
End Date/Time:	3/26/2013 2:30:00 PM
Last Inspection:	Tuesday, February 12, 2013

Inspector: Joe Helfrich

Weather: Windy, 55

InspectionID Report Number: 3438

Accepted by:

Representatives Present During the Inspection:	
Company	Vicky Miller
Company	Amanda Richard
Company	Mike Davis
OGM	Joe Helfrich

Permitee: **CANYON FUEL COMPANY**  
 Operator: **CANYON FUEL COMPANY**  
 Site: **SUFECO MINE**  
 Address: **597 SOUTH SR24, SALINA UT 84654**  
 County: **SEVIER**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

720.48	<b>Total Permitted</b>
48.43	<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 purpose of this site visit was to conduct a complete inspection at the SUFCO mine. The mine is currently active and mining is ongoing in the west lease area. SUFCO had applied for a lease modification to extend the federal Lease # UTSL062583 an additional 20 acres. Notice of the modification was published in the Richfield Reaper on December 5th and ran for 30 days. NEPA could not be completed in time for the company to mine through the lease area so the application was withdrawn.

Inspector's Signature

*Joe Helfrich*  
 Joe Helfrich,  
 Inspector ID Number: 1

Date

Monday, April 01, 2013



Permit Number: C0410002  
 Inspection Type: COMPLETE  
 Inspection Date: Tuesday, March 26, 2013

**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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

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

The permit was issued on 5/21/2007 and renewed effective 5/21/2012 for five years. The South Fork of Quitchupah 2R2S amendment # 4203 was approved on January 16th. The Northwater mitigation plan task # 4202 was approved on January 14th.

**2. Signs and Markers**

Signs containing the required information were posted at the entrance to the mine site. New signs were being constructed for the top soil stock piles associated with the waste rock site.

**3. Topsoil**

The final configuration of the subsoil pile has been completed. Additional roughening on the top of the pile has been completed. The stockpile should be seeded and mulched in accordance with the approved MRP. John Byars is preparing the as-built map for the stockpile.

**4.a Hydrologic Balance: Diversions**

The diversion at the base of the subsoil pile has been reconstructed in a stair step fashion along the south east portion of the pile. If left in this configuration there is a strong likelihood that the diversion will not be able to withstand continued precipitation events without resulting in off-site deposition of subsoil material. It was suggested that the bypass culvert be plugged off and the undisturbed drainage be re-routed around the subsoil pile. This would enable the mine to construct a more linear diversion at the base of the subsoil pile.

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

The primary, overflow, and waste rock sediment ponds were inspected on November 26th and December 17th showing no hazards or structural weaknesses. The measurements varied but they were all below the 60% cleanout level. The primary sed pond 001 is 2.6' below the cleanout level and is scheduled for cleanout this summer. The inspection reports were received by the Division on 01/08/2013.

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

The silt fences and ASCAS associated with the waste rock site were adequately maintained and in good working order at the time of the inspection.

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

Hard cc's of the 4th quarter data were available for inspection. Notification of data entry was received by the Division on 02/11/2013

**4.e Hydrologic Balance: Effluent Limitations**

There were no discharges from point 001A and no exceedances fromm points 002A and 003A. Hard CC's of the monitoring data for these points for the fourth quarter of 2012 and Jan and Feb. of 2013 were available at the mine for inspection.

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

The removal of wasterock from the old workings in the west lease area has been completed. Plans for expanding the waste rock site should be submitted to the Division within the next two weeks. 4th quarter waste rock inspection reports were available for inspection.

**9. Protection of Fish, Wildlife and Related Environmental Issues**

The mine should contact DWR and make arrangements to have the elk removed from the Accord Lake turn off.

**13. Revegetation**

The subsoil pile will need to be seeded in accordance with the approved MRP.

**14. Subsidence Control**

Subsidence data has been submitted to the Division for review with the annual report information. James Owen will be the assigned reviewer.

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

The new access road to highway 10 is currently under construction.

**19. AVS Check**

Revisions to Chapter 1 were received by the Division on March 13, 2013.

**20. Air Quality Permit**

The air quality permit is in effect as of May 2006 and renewed 03/30/2011 to include the west lease conveyor. The permit is listed in appendix 4-4 of the MRP.

**21. Bonding and Insurance**

The bond was reduced during the mid-term review to 2,874,000. Insurance is current through 07/31/2013.