



State of Utah
Department of
Natural Resources

MICHAEL R. STYLER
Executive Director

Division of
Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Representatives Present During the Inspection:	
	Steven Fluke Environmental Scientist II
Company	Chris D. Hansen Environmental Manager
Company	Mike Davis
Company	Erik Petersen
Federal	Dale Harber Forest Geologist
Federal	Tom Lloyd Ferron-Price District Geologist
Federal	Katherine Foster Hydrologist
Federal	Sue Berger Mining Engineer Technician
Other	Marc Stillson Regional Engineer

Inspection Report

Permit Number:	C0410002
Inspection Type:	TECHNICAL
Inspection Date:	Thursday, September 14, 2006
Start Date/Time:	9/14/2006 9:30:00 AM
End Date/Time:	9/14/2006 3:00:00 PM
Last Inspection:	

Inspector: Steven Fluke, Environmental Scientist II

Weather: Scattered thunderstorms, ~70 F

InspectionID Report Number: 1077

Accepted by: whedberg *JK*
 10/18/2006

Permittee: **CANYON FUEL COMPANY LLC**
 Operator: **CANYON FUEL COMPANY LLC**
 Site: **SUFCO MINE**
 Address: **397 S 800 W, SALINA UT 84654**
 County: **SEVIER**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

26,766.95	Total Permitted
27.36	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:

BLM, Forest Service, DWR, DOGM, and SUFCO Mine personnel met to inspect the condition of springs 310 and 311 in the North Water fork of the Pines tract. We also discussed the progress of the alluvial groundwater investigation of the North Water fork and Joes Mill pond. Undermining of the North Water fork from the 6LPE panel was completed the last week of August. Most of the affects from subsidence should be apparent during this inspection. Spring 311 was dry during the inspection apparently from the undermining. Springs 310 A and 310B appeared to be flowing normally. Photos are located in the Division database.

Inspector's Signature: _____

St Fluke

Date Tuesday, September 19, 2006

Steven Fluke, Environmental Scientist II

Inspector ID Number: 53

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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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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

4.d Hydrologic Balance: Water Monitoring

The group first stopped at the North Water Spring (Pines 105) which was not flowing. Vegetation in the area appeared to have survived the summer without the surface flow from the spring. Erik Petersen gave a summary of the drilling and well and piezometer installation work that was completed in the North Water fork and Joes Mill Pond area. Work completed and preliminary data will be submitted to the Division by the end of October. The FS and BLM are interested in obtaining copies. We then hiked to springs 310 and 311 updrainage approximately 1,500 ft. Spring 311 was not flowing. This was the first time it had been observed since being undermined approximately 10 days prior. The twin springs as spring 310 were flowing at what appeared to be a normal rate. The group went back to the North Water trough area and Marc Stilson discussed water rights issues. He informed the group that he believes the adjudication of the area intended that all springs and seeps are considered appropriated water. Marc and I planned to hike down the East Fork of Box Canyon, but a storm was moving in so the group left the mountain. Erik and Chris stayed behind with their ATVs to collect water level measurements.

9. Protection of Fish, Wildlife and Related Environmental Issues

The effects to wildlife and habitat from dry springs in the area was discussed. Katherine Foster seemed pleased that these issues were being addressed by the material damages finding for the North Water spring. The groundwater investigation and study for long term mitigation is ongoing. A finding of damage to spring 311 is needed once the water rights issues are better understood. In the meantime, the groundwater investigation also includes the spring 310 and 311 area.

22. Other

Follow-up on damage to spring 311 is needed. The Division is in the process of consulting with the Division of Water Rights to understand water rights in the area before making a finding.