



The State of Utah
 Department of
 Natural Resources

Division of
 Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

Representatives Present During the Inspection:	
OGM	Steven Fluke Environmental Scientist II
OGM	Pete Hess Environmental Scientist III
Company	Mike Davis

Inspection Report

Permit Number:	C0410002
Inspection Type:	TECHNICAL
Inspection Date:	Thursday, September 23, 2004
Start Date/Time:	9/23/2004 9:00:00 AM
End Date/Time:	9/23/2004 3:30:00 PM
Last Inspection:	Wednesday, September 22, 2004

Inspector: Steven Fluke, Environmental Scientist II

Weather: clear to partly cloudy, cool ~65 F

InspectionID Report Number: 432

Accepted by: whedberg
 12/6/2004

OK

Permitee: **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

24,632.95	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:

Pete Hess and I (DOGM) met with Ken Christiansen, Gary Petty, Morris Sorensen, and John Sundstrom (Muddy Creek Irrigation Co. and the Quitcupah Cattlemens Association) and Mike Davis of SUFCO to tour the Duncan Draw and Mud Spring Hollow area located west and adjacent to SUFCOs Quitcupah Tract. The purpose of the visit was to observe the springs that have dried up in this area in response to the Water User's concerns of mining-related impacts. The area is, however, outside of the SUFCO permit area and subsidence limits for known historical mining. We rode up the canyons in ATVs and observed several springs in each canyon that had been developed for stock watering but have reportedly been dry for 15 to 20 years. The only water for stock watering in the two draws is a pond that collects surface runoff located approximately 1.5 miles up Duncan Draw. Photos can be found in the DOGM database.

The Cattlemen and Irrigation Co. would like funding for a project to pipe replacement water into the area and they hope DOGM will be able to back them up on their contention that stockwatering has been impacted in this area due to mining. I will follow up with a report (technical memo) describing the potential for mining-related impacts to hydrologic balance in the area.

Inspector's Signature

Stu Fluke

Date Friday, October 15, 2004

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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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, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input checked="" 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 checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

4.d Hydrologic Balance: Water Monitoring

Duncan Draw and Mud Spring Hollow are located outside of the SUFCO permit area with the exception of the first quarter mile of Duncan Draw. We rode up Duncan Draw first and stopped at an unnamed developed spring approx. 1/2 mile up the draw that has been dry for ~15 yrs., a stockwatering pond that SUFCO had improved for the cattlemen last year, and spring 057A which is part of the SUFCO monitoring program and has been dry since 2000 and has had flow measured at up to 3.4 gpm since monitoring began in 1988. We then rode up Mud Spring Hollow and observed three separate springs in the drainage that had been developed for stockwatering but have reportedly been dry since approx. 10 to 15 yrs. Ago. The springs we saw are developed, fenced, and mostly in good shape but have been abandoned since they have gone dry. The water users claim the mine has caused the springs to go dry and would like DOGM to look into the matter.

9. Protection of Fish, Wildlife and Related Environmental Issues

The cattlemen claim that wildlife in the area have also been impacted by lack of water for the past 15 to 20 years. Reportedly, the area was popular for elk and deer hunting but the animals are no longer found there.

22. Other

The Cattlemen and Irrigation Co. would like funding for a project to pipe replacement water into the area and they hope DOGM will be able to back them up on their contention that stockwatering has been impacted in this area due to mining. Pete and I have told them that because the area is well outside of the Quitchupah Tract, there is very little monitoring data on the springs in the area, and because the reported impact took place prior to 1992, there is probably little that DOGM could conclusively state. I will follow up with a report (technical memo) describing the potential for mining-related impacts to hydrologic balance in the area.