



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:		
OGM	Joe Helfrich	Environmental Scientist III
OGM	Wayne Hedberg	Environmental Manager
OGM	Steve Christensen	Environmental Scientist II

# Inspection Report

Permit Number:	C0150025
Inspection Type:	TECHNICAL
Inspection Date:	Tuesday, June 13, 2006
Start Date/Time:	6/13/2006
End Date/Time:	6/14/2006
Last Inspection:	Tuesday, May 16, 2006

Inspector: Steve Christensen, Environmental Scientist II  
Weather: 0-5 mph winds, partly cloudy, 85 degrees  
InspectionID Report Number: 1010

Accepted by: whedberg  
8/7/2006

Permittee: **CO-OP MINING CO**  
Operator: **CO-OP MINING CO**  
Site: **BEAR CANYON MINE**  
Address: **PO BOX 1245, HUNTINGTON UT 84528**  
County: **EMERY**  
Permit Type: **PERMANENT COAL PROGRAM**  
Permit Status: **ACTIVE**

### Current Acreages

4,416.18	<b>Total Permitted</b>
40.46	<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:

On June 13th and 14th, a site inspection was performed at the proposed lease expansion area of the Bear Canyon Mine. C.O.P. Coal Co. has proposed to add approximately 7,500 acres to their existing lease area. Representatives were present from the Office of Surface Mining (Ron Singh), Bureau of Land Management, USDA Forest Service (Karl Boyer) as well as the Division. The site visit was done in order to ground-truth various components of the submitted application as well as to identify any other issues that may have not been apparent in the submittal.

On June 13th, the site inspection focused primarily on the central portion of the proposed lease expansion area. Several stock watering ponds were observed on the plateau of Gentry Mountain. Many of those ponds were dry. The following day, June 14th, was focused on locating several springs that had been proposed for monitoring by C.O.P. The springs were located in the north-western section of the proposed lease expansion area.

Inspector's Signature:

Date Wednesday, July 19, 2006

Steve Christensen, Environmental Scientist II  
Inspector ID Number: 54

**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, 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **2. Signs and Markers**

Signs and Markers were observed on the plateau region of Gentry Mountain. USDA Forest Service signs were present depicting trail heads as well as property boundaries.

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

Several stock watering ponds as well as stock watering trough's were observed during the 2-day site visit. The stock ponds were primarily located on the top of the Gentry Mountain plateau. Three stock watering trough's were observed areas, both in the central portion of the proposed lease expansion as well as in the north-west section. In all cases, the stock watering troughs were not functioning. Upon inspection of the troughs, it was clear that they had not been maintained and/or used for quite some time.

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

Several of the proposed water monitoring sites were visited during the inspection. Springs FBC-5, FBC-13, and FBC-6 were located and inspected in the McCadden Hollow on the western side of the proposed lease expansion. In addition, Mud Spring was located. At the time of the inspection, Mud Spring was not flowing.

### **16.b Roads: Drainage Controls**

The road running directly adjacent to Cedar Creek was observed during the site visit. A small drainage ditch has been established on the north side of the road. Cedar Creek was flowing at approximately 30-50 gpm at the time of the inspection. No excessive erosional concerns or sediment transport issues were observed.