



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:

Company	Mark Reynolds
OGM	Pete Hess Environmental Scientist III

Inspection Report

Permit Number:	C0150025
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, November 14, 2006
Start Date/Time:	11/14/2006 1:20:00 PM
End Date/Time:	11/14/2006 2:15:00 PM
Last Inspection:	Tuesday, October 03, 2006

Inspector: Pete Hess, Environmental Scientist III

Weather: Clear, cold, windy; 5 inches of snow overnight.

InspectionID Report Number: 1133

Accepted by: whedberg

11/28/2006

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	Total Permitted
40.46	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:

- The Permittee continues to submit the required quarterly surface and ground water monitoring information to the Division electronic web site per the Special Permit Condition which has been included in Attachment "A" of the current State permit. The other listed permit conditions are no longer pertinent, as they are relative to the Bear Canyon #1 and #2 Mines, which are sealed. The #2 Mine has been reclaimed.
- The Division and the Permittee have worked through all the deficiencies which have been identified relative to the permitting of ASCA's for snow storage purposes within the Bear Canyon Mines disturbed area. Conditional approval of Task ID #2669, Wild Horse Ridge snow storage ASCA's, is pending. The Division will terminate Notice of Violation N06 46-2-2, 1 of 2 upon final approval of this permitting action.
- The Bear Canyon site received five inches of snow overnight, prior to today's inspection.
- Concerns relative to the left fork of Fish Creek in Section 19 of the Bear Canyon Federal lease addition (Task ID #2680) were discussed with the Permittee and a BLM representative on November 14, 2006. The USDO / BLM provided the DOGM with R2P2 maps for the Tank seam workings which indicate a 400-foot error relative to overburden depth in that area. The review of additional, newly submitted information is pending.

Inspector's Signature: _____

Pete Hess

Date: Tuesday, November 14, 2006

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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

The middle number of the prefix on the Permittee's telephone number (on the Permittee identification sign located at the County road terminus) is not legible. The Permittee must repair this to remain in compliance with R645-301-521.243.

4.a Hydrologic Balance: Diversions

Melt water was reporting the diversions associated with the surface drainage / sediment control plan.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Pond "B" was partially frozen; pond "D" has a snow covered bottom. Catch basins #2 and #3 also contained snow. There were no compliance issues noted.

4.c Hydrologic Balance: Other Sediment Control Measures

All sediment controls which utilize straw bales appeared to have adequate freeboard. Most of the snow at this site had not received direct sunlight, and as such had not melted. All silt fences which showed freeboard appeared capable of functioning as designed. Others were not inspectable, as they were being overtopped by drifting snow.

4.d Hydrologic Balance: Water Monitoring

The Permittee submitted the second quarter water monitoring information to the Division web site on October 2, 2006.

14. Subsidence Control

The Federal lease addition which is currently being permitted through the Division, the BLM and the USFS also contains revisions to implement long wall mining secondary extraction methods. As such, the subsidence control and monitoring sections of the mining and reclamation plan are being revised. The Federal leases contain reserves in three different seams. Mining will occur in areas where, in general, a maximum of two overlying seams will occur. Overburden depths in the Mohrland addition are anticipated to be quite deep. Malecki Technologies, Inc., has provided a document to the Permittee, "Prediction of Surface Deformation Resulting from Longwall Mining Over the Bear Canyon Reserve". This document predicts subsidence up to ten feet where multiple seam extraction will occur.

16.b Roads: Drainage Controls

The Division stressed the importance of NOT blocking culvert inlets, and pushing snow into ditches during the snow removal process. The Division realizes that it is not always possible to prevent this; however, operators must be careful not to block diversions with snow, such that they can function to the extent possible during thaws. The ASCA's which have just been approved by the Division for snow storage are for volumes generated during a normal winter, based upon NWS information, and the acreages associated with the #3 Mine access roads. If winter conditions exceed the approved design volumes, the Permittee may need to explore additional storage areas.

17. Other Transportation Facilities

The primary roads accessing the #3 and #4 Mines had not been plowed, but were readily accessible by Mine vehicles. Access to the #1 Mine was not possible due to snow depths. Mr. Reynolds indicated that the Permittee's plow was in the repair shop.

20. Air Quality Permit

The Permittee anticipates an increase in production with the approval of Task ID #2680 and the implementation of long wall secondary extraction to 2.5 MTPY. This will exceed the currently approved DAQE AO by approximately 600, 000 tons. The Permittee has been instructed to update this document through the Utah Division of Air Quality.