

0014



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
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Division Director

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3 Triad Center, Suite 350
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801-538-5340

Partial: Complete: Exploration:
Inspection Date & Time: 2/10/93 12 to 4 on site
Date of Last Inspection: 1/26/93

Mine Name: Bear Canyon Mine County: Emery Permit Number: ACT/015/025
Permittee and/or Operator's Name: Co-Op Mining Company
Business Address: P.O. Box 1245, Huntington, Utah 84528
Type of Mining Activity: Underground Surface Prep. Plant Other
State Official(s): Susan White
Company Official(s): Charles Reynolds
Federal Official(s): None
Weather Conditions: cold and fair
Existing Acreage: Permitted-1060 Disturbed-24 Regraded- Seeded- Bonded-24
Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-
Status: Exploration/ Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
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 type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input 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. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. 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 type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June)_____ (date)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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(Continuation sheet)

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 2/10/93

(Comments are Numbered to Correspond with Topics Listed Above)

The mine site was covered with snow one to two feet deep on most exposures. Therefore, only those items visible above the snow were inspected.

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The following items were examined at the mine office and/or Division office:

-A non federal permit was issued to: Co-Op Mining Company
P.O. Box 1245
Huntington, Utah 84528
(801)381-2450

The permit was issued on May 20, 1991 and expires on November 2, 1995. Two special conditions were attached to the permit. The first condition was to comply with the Division Order dated 11/27/90. The second condition was to comply with all monitoring requirements within the Division Order, Informal Hearing, Cause No. ACT/015/025 dated 5/20/91. These conditions have been satisfied and a memo documenting this is forthcoming. The permit states that the bond is to be \$290,000. A review of the Division correspondence indicated that the reclamation agreement was reissued on 1/19/93 to revise the Bank at which the Irrevocable Letter of Credit is held and so that the disturbed acreage in the plan and reclamation agreement are the same.

-The Irrevocable Letter of Credit is held with Capital City Bank for \$290,000. This will expire in July 12, 1993.

-The liability insurance is issued by Homestead Insurance effective 1/1/93 to 1/1/94. General aggregate is 2 million and 1 million per occurrence. The policy covers both the Bear and Trail Canyon Mines.

-The Spill Prevention Control and Countermeasure Plan was updated on 3/92 and certified by Kimly Mangum on 4/92.

4. HYDROLOGIC BALANCE

a. Diversions - Disturbed ditch D-7D flow was obstructed due to an ice dam. Water was flowing around the ditch over the hill and into the sediment pond. No damage off the disturbed area was observed and the operator removed the obstruction immediately, no violation was written. However, a violation was written on ditch D-6D because the ice dam routed water into the Stream Buffer Zone.

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b. Sediment Ponds and Impoundments - Water was flowing into both sediment ponds, the ponds surface were covered with ice and snow. Pond A and B inspection reports were observed. Charles Renolds stated in the 11/30/92 inspection of Pond B that the sediment level is 6" below clean out and recommended clean out as soon as weather permits. Pond A and B maps were certified on 3/92 by Kimly C. Mangum

d. Water Monitoring - The fourth quarter water monitoring was observed and appeared to be in order.

e. Effluent Limitations - The UPDES permit is found in Appendix 7-B of the PAP. Only one reportable discharge point had flow and that was the underground seepage water overflow. Four points are permitted on the Bear Canyon Mine, however the culinary system overflow requires no monitoring.

5. Explosives

The operator stated that no explosives had been used on the surface during the fourth quarter of 1992.

14. Subsidence Control

The operator stated that the 1992 annual subsidence report was in the process of being compiled.

16. Roads:

a. Construction/Maintenance/Surfacing - The road as-built map, Plate 3-5B and 3-5A depict the profile, plan view and typical cross sections. The maps were certified by Kimly C. Mangum on 4/8/92. A pit was dug in the road to show a four inch road base as required in Appendix 3P-2 of the PAP.

b. Drainage Controls - Ditch D-3D by the conveyor loadout needs redefinition as weather permits.

18. Support Facilities/ Utility Installations

Construction of a new bath house, office and sediment pond has been approved by the Division. The old bath house had an electrical fire in December 1992 and has been mostly removed.

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21. Bonding & Insurance

See item 1..

Copy of this Report:

Mailed to: Bernie Freeman (OSM), Wendell Owen (Co-Op)

Given to: Joe Helfrich (DOGM)

Inspector's Signature: *James M. White* #35 Date: February 17, 1993