



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

Partial: \_\_\_ Complete: X Exploration: \_\_\_
Inspection Date & Time: 2/22/95 7:30am-2:00pm
Date of Last Inspection: 1/23/95

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 XX Surface \_\_\_ Prep. Plant \_\_\_ Other \_\_\_
Company Official(s): Marlo Petersen
State Officials(s): Peter Hess Federal Official(s):
Weather Conditions: Clear/Sunny/40's
Existing Acreage: Permitted-1531 Disturbed-24 Regraded-\_\_\_ Seeded-\_\_\_ Bonded- 24
Increased/Decreased: Permitted-\_\_\_ Disturbed-\_\_\_ Regraded-\_\_\_ Seeded-\_\_\_ Bonded-\_\_\_
Status: Exploration/ XX 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

- 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 N/A.
b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing 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.

Table with 5 columns: Item, EVALUATED, N/A, COMMENTS, NOV/ENF. Rows include: 1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE; 2. SIGNS AND MARKERS; 3. TOPSOIL; 4. HYDROLOGIC BALANCE; 5. EXPLOSIVES; 6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES; 7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS; 8. NONCOAL WASTE; 9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES; 10. SLIDES AND OTHER DAMAGE; 11. CONTEMPORANEOUS RECLAMATION; 12. BACKFILLING AND GRADING; 13. REVEGETATION; 14. SUBSIDENCE CONTROL; 15. CESSATION OF OPERATIONS; 16. ROADS; 17. OTHER TRANSPORTATION FACILITIES; 18. SUPPORT FACILITIES/UTILITY INSTALLATIONS; 19. AVS CHECK (4th Quarter-April, May, June) (date); 20. AIR QUALITY PERMIT; 21. BONDING & INSURANCE.



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PERMIT NUMBER: ACT/015/025

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(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

An amendment has been recently submitted to the DOGM to increase the bond amount approximately \$20,000 for the purpose of reclaiming the Blind Canyon portals. This would bring the total bond amount to \$507,000.

Potential permit amendments include the following possibilities;

1) based on a letter from this inspector to CO-OP Mining on January 18, 1995, the permittee intends to submit an amendment indicating that CO-OP's inspection reports, and other pertinent information as is required by the R645 regulations will be available for inspection by the public in a letter which will be suitable for insertion into the MRP.

2) The permittee anticipates submitting an ASCA amendment which would remove the annual water sampling requirement from numerous ASCA areas.

3) With reference to the January, 1995 inspection report, it is the permittees intent to part out the derelict vehicles around the site and scrap their remains, rather than permit a specific area for storage. Available space within the permit is at a premium. Mr. Reynolds indicated that some vehicles would be removed to underground storage, as they contained too many usable parts to be considered for scrapping. I indicated that this was an acceptable solution as far as I was concerned, but that a schedule needed to be determined and followed so that the scrapping process did not take an extended amount of time. This will be reviewed next inspection.

4) The permittee intends to make an expansion in the tippie by installing two additional crushers with their associated chutes, etc. This amendment may possibly include the design for a new access road up to the bin which is west of the Hiawatha belt portal. In order to construct this road, the removal of the remains of the old coal recovery bin will be necessary.

2. SIGNS AND MARKERS

The disturbed area boundary markers which delete the area around the main mine substation needed to be painted. Numerous other markers about the site were well faded and it was suggested to Mr. Reynolds that all markers be repainted as part of the spring maintenance program.

4a. HYDROLOGIC BALANCE: DIVERSIONS

The ditch on the west side of the truck loading area has a length of approximately 75 feet which needs to be redefined. It is partially silted in and meandering.

The discharge end of the 24" CMP (C-3D) which underlies the maintenance shop access road needed cleaning; it was obvious that snow/ice in the ditch (which has since melted) blocked the pipe and allowed sediment to build up. This was corrected during the inspection.

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b. **SEDIMENT PONDS AND IMPOUNDMENTS**

Mr. Kim Mangum, P.E. conducted the annual pond inspections on December 19, 1994, and certified them on February 2, 1995. There were no abnormal or hazardous conditions reported.

During today's field inspection, it was noted that the northeast corner of Pond A has four fairly serious erosion gullies formed from snowmelt/runoff into the pond. It was suggested to Mr. Reynolds that these be addressed, and that a berm might be installed to direct any runoff through one of the vegetated inslopes. The pond is incised.

d. **WATER MONITORING**

The Bear Canyon 4th quarter water monitoring report was submitted to the DOGM on January 9, 1995.

UPDES DMR's were reviewed for the months of October-December, '94 for 002 (Bear Cyn Sed Pond A), 003 (Bear Cyn Sed Pond B), 004 (Bear Cyn underground discharge to Bear Creek), and 006 (Bear Cyn Sed Pond C). There were no exceedances noted on any of these reports.

5. **EXPLOSIVES**

Shots were made on February 20, 1995 on the Tank seam pad to remove some large rocks which, according to Mr. Reynolds, MSHA wanted removed. The blasting records for these shots were not in the record book when initially reviewed, but were inserted before the end of the inspection.

8. **NONCOAL WASTE**

Much of the snow which has accumulated over the site has melted leaving many maintenance items visible. Noncoal waste was observed in the following locations but was immediately cleaned up;

1) a 20 foot length of 1" electrical conduit and a 4 foot x 4 foot piece of 3/8" steel plate was observed in the Bear Canyon drainage. Also two 3/8" and a 5/8" electrical cables (live) were observed lying on the ground within the stream buffer zone area. These cables have since been removed to the road berm, but need additional work to complete their proper installation.

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(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

2) the following material was observed in the Bear Canyon drainage directly west of the scalehouse; 40 feet of 4" mine yellow plastic pipe and several 5 gallon white plastic buckets with lids. As the scalehouse is also a residence, it is possible that some of the local children threw these into the drainage without realizing the consequences.

3) someone has placed some scrap mine belt in the storage area west of the main mine substation. It appears to have been drug out of the mine and just heaped up.

4) 150 feet of 12/2 cable (used as shotfirer cable during the Tank seam road construction) was seen lying on the crest of the road berm to the Tank seam. Mr. Reynolds removed the cable.

5) a 4' diameter wooden cable reel was observed lying in the drainage by the ball park area.

11. CONTEMPORANEOUS RECLAMATION

Mr. Reynolds anticipates having Mr. Mel Coonrod of Environmental Industrial Services mulch the cut slope of the Tank seam road sometime during March '95.

21. BONDING AND INSURANCE

CO-OP Mining Company renewed their General Liability insurance the first part of this year. Based on the certificate which Mr. Reynolds faxed to me when this was done, several problems were noted;

1) explosives were not covered;

2) in the cancellation clause, the word endeavor was not crossed out by the producer, Lyons and Associates of Salt Lake City.

3) the last two lines of the cancellation clause, i.e., "but failure to make such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives" were not crossed out.

These problems were addressed during the inspection and have been corrected.

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas, and Mining.

Copy of this Report:

Mailed to: Charles Reynolds (Co-Op)

Donna Griffin (OSM)

Given to: Joe Helfrich (DOGM)

Filed to: Price Field Office

Date: March 3, 1995

Inspector's Signature: \_\_\_\_\_

*Peter Less*

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