



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

INSPECTION REPORT

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Partial: Complete: XXX Exploration:

Inspection Date & Time: 5/6/97 / 8:00a.m.-2:00p.m.

Date of Last Inspection: 4/9/97

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 XXX Surface Prep. Plant Other
Company Official(s): Charles, Reynolds, Environmental Coordinator
State Officials(s): Peter Hess Federal Official(s): None
Weather Conditions: Sunny, Warm, 60's
Existing Acreage: Permitted- 1531 Disturbed- 24 Regraded- 0 Seeded- 0 Bonded- 24
Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-
Status: Exploration/ XXX 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: EVALUATED, N/A, COMMENTS, NOV/ENF. Rows 1-21 list various permit conditions and their evaluation status.



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(Continuation sheet)

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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

The permittee has obtained two Federal leases (approximately 2,000 acres) and some privately owned leases (another 2,000 acres) which constitute the area known as the Mohrland reserves. These leases were purchased from the Intermountain Power Agency.

2. SIGNS AND MARKERS

During the inspection of the "ball park area," it was necessary for Mr. Reynolds to reinstall several of the disturbed area perimeter markers. This area is well used for both baseball games and as a rifle range. The markers are probably being pulled out because some individuals feel that they present a hazard.

4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The first quarter 1997 sediment pond inspections were conducted by Mr. Charles Reynolds on February 27. All ponds were snow covered at this time. No problems or hazardous conditions were noted for any of the ponds during the inspection. The cleanout of sediment pond "A" is to be resumed as soon as conditions permit.

4c. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The straw bales which constitute the sediment control measure for the "ball park area" are in need of refurbishment. Local fauna have removed some of the bales as forage.

4d. HYDROLOGIC BALANCE: WATER MONITORING

Discharge monitoring reports for the first quarter of 1997 were reviewed for submittal and exceedances. None of the three sediment ponds discharged during this period. Only UPDES point 004A (mine water discharge to Bear Creek) had flows; no exceedances were reported during this quarter. The DMR's which were reviewed had been submitted timely.

The first quarter water monitoring report for the Bear Canyon site was submitted to the Salt Lake Division on or around April 15, 1997.

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4d. **HYDROLOGIC BALANCE: WATER MONITORING -continued-**

Based on a discussion with SLC Division hydrologists Ken Wyatt and Sharon Falvey, a problem in water sampling procedures which effect the results of the laboratory analysis of the cation/anion balance for certain Bear Canyon samples, exists. Mr. Reynolds was informed of this concern. It appears that the lab is using water containing the acid preservative to do the filtering for dissolved metals rather than using raw water. According to Mr. Wyatt, acidification of the sample should take place after the filtering is conducted for these metals. Errors as high as 69% have been detected in the Cation/Anion balance differences for several of the Bear Canyon sample sites. It is the intent of Division personnel to meet with Mr. Reynolds in the near future to address and hopefully resolve this issue. According to Mr. Wyatt, the sampling problem exists with other permittees as well.

16a. **ROADS: . CONSTRUCTION/MAINTENANCE/SURFACING**

During the inspection, the permittee had personnel watering the mine's haul roads. A motor grader was being utilized to blade the mine roads when the water truck was idle. Road ditches are also being addressed as conditions permit.

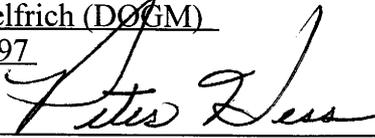
20. **AIR QUALITY PERMIT**

Although there was no wind at the time of this inspection, it was observed that the coal stockpiles and the coal storage pad were in need of watering to control potential fugitive dust. Mr. Reynolds indicated that he would have the sprinklers turned on in the area.

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) Henry Austin (OSM)
Given to: Joe Helfrich (DOG M) Filed to: Price Field Office
Date: May 8, 1997

Inspector's Signature:  #46
Peter Hess