



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

ACT/015/025
[Signature]

Michael O. Leavitt
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Partial: Complete: Exploration:
Inspection Date & Time: 5/10/95 8:00am-1:00pm
Date of Last Inspection: 4/18/95

Mine Name: Bear Canyon Mine County: Carbon Permit Number: ACT/015/025
Permittee and/or Operator's Name: Co-Op Mining Company
Business Address: P.O. Box 1245, Huntington, Utah 83428
Type of Mining Activity: Underground XXX Surface Prep. Plant Other
Company Official(s): Charles Reynolds
State Officials(s): Peter Hess Federal Official(s): _____
Weather Conditions: Partly Cloudy/Light Showers/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

- 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>



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(Continuation sheet)

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(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permittee has recently submitted an amendment to the DOGM which would allow the storage of coal mine waste in the dry underground areas of the Bear Canyon Mine.

The permittee is awaiting approval of their submitted mitigation plan which concerns the clean up of coal mine waste at the Railco loadout, (subject of CO N95-26-1-1).

The permittee's mitigation plan for the subsidence which is the subject of N 94-46-4-1B was approved April 27, 1995; implementation is pending.

3. TOPSOIL

There are three topsoil piles at the site which are in need of additional vegetative cover. They are as follows;

- 1) the pile immediately NW of the new bathhouse facility.
- 2) the two topsoil piles which are associated with the construction of the Tank seam road.

4a. HYDROLOGIC BALANCE: DIVERSIONS

There are three under road culverts which route undisturbed drainage beneath that portion of the upper Tank seam road, which is SW of the Tank seam portals. These culverts are extended down over the outslope of the road with black plastic flexible pipe. One of the flexible pipes was tearing while another was separating from the end of the pipe. Both pipes were still capable of functioning, although to what degree is questionable. The flex pipes are secured to the outslope by roofbolts which are driven into the soil between the serrations. It appears that the weight of the water flowing through the pipe has caused the pipe to shift downslope, causing the problems. It was suggested that some type of strain clamp be installed between the metal culvert and the flexible conduit to secure it more permanently.

b. SEDIMENT PONDS AND IMPOUNDMENTS

The first quarter impoundment inspection reports were conducted by Charles Reynolds on March 2, 1995. The following items were noted;

- 1) Sediment pond "A" had some erosion gullies in the NE corner. These same gullies were noted by this inspector during the February 22, 1995 inspection. The permittee has repaired these gullies and installed a berm to prevent future erosion from occurring in this area.
- 2) Sediment pond "C" had two minor erosion channels. Mr. Reynolds has noted that the entire pond needs to be reseeded.

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c. OTHER SEDIMENT CONTROL MEASURES

Coal Regulatory Program Directive Tech-003A which was approved on April 19, 1995 and concerns **Sediment Control Measures for Disturbed Coal Mine Lands** was forwarded to Mr. Reynolds on May 1, 1995 with instructions to re-evaluate any areas within the two permit areas for which he is responsible and bring them into compliance, if necessary. Sixty days has been allowed for the permittee to do this.

d. WATER MONITORING

Discharge monitoring reports for the first four months of 1995 were reviewed for UPDES points 001A, 002A, 003A, 004A and 006A. Only point 004A had flows; no exceedances were noted.

The first quarter 1995 water monitoring report for both the Bear Canyon and Trail Canyon sites was submitted to the DOGM on April 24, 1995. No exceptions were noted during the review of the submitted data for the Bear Canyon site.

8. NONCOAL WASTE

The permittee needs to pay more attention to housekeeping in the areas which surround the machine shop and the surface shop. Rags which were haphazardly discarded were seen in these areas. Also several small areas where machinery has leaked oils were noted. The used oil recycling area needed clean up. The permittee may want to consider utilizing drip pans in the heavy equipment parking area to minimize the contaminated soil problem.

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 Donna Griffin (OSM)
Given to: Joe Helfrich (DOGM) Filed to: Price Field Office
Date: May 15, 1995

Inspector's Signature:  #46
Peter Hess