



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

Michael O. Leavitt
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Partial: Complete: XX Exploration:

Inspection Date & Time: 11-20-95 / 8:30a.m.-2:00p.m.

Date of Last Inspection: 10/12/95

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: Clear, Cool, 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.

	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 type="checkbox"/>	<input 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 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 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 checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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. 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 type="checkbox"/>	<input checked="" 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 & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



INSPECTION REPORT
(Continuation sheet)

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 11/20/95

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permittee currently has the following amendments either under review or pending approval for the Bear Canyon Mine:

- 1) A revised mining plan for the Tank seam, (under review PFO-DOGM).
- 2) ASCA amendment 95I, (under review at SLC-DOGM).
- 3) Water monitoring amendment 95H; this amendment has been approved, but the permittee has yet to receive official notification of the approval from the SLC Division. It allows the permittee to remove two underground sample locations from the sequence due to the fact that the locations are now in gob areas.
- 4) ACT/015/025 was renewed by the SLC-DOGM on 11/2/95.

4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The quarterly inspection for sediment ponds A, B, and C was conducted on September 29, 1995. Pond A's inspection made note of a small rill forming on the northern inslope. This had been repaired prior to today's inspection.

The cleanout of Pond B was completed on October 10, 1995. This had been necessary due to the large sediment inflow generated by the August 22, 23, 1995 storms. The inlet was regraded and the riprap was grouted in place. Mr. Kim Mangum, P. E., inspected the pond on October 21, 1995 and recertified the pond on November 3, 1995.

Pond C is currently being cleaned. The permittee is awaiting equipment repairs to complete this project.

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4d. HYDROLOGIC BALANCE: WATER MONITORING

Discharge monitoring reports for the above ponds for the months of August, September, and October were reviewed. Pond A exceeded the settleable solids limit in August due to the 22nd, 23rd storm events; (Bear Creek overtopped it's banks during these events). Ponds B and C also discharged during this event. None of the ponds discharged during September or October.

A review of the on-site water monitoring data did not reveal any problems.

5. EXPLOSIVES

The last blasting, which was conducted, was performed by Kevin Petersen, #036, on September 8, 1995. The work performed concerned the closure of the subsidence openings above Birch Springs, (subject of N94-46-4-1B). The blasting reports appeared to be in good order.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

Mr. Reynolds and I looked at the area which is directly south of the new bath house facility. The permittee is preparing an amendment which would allow the construction of a refuse pile in this area.

11. CONTEMPORANEOUS RECLAMATION

The permittee has completed the removal of the old coal recovery bin which was located NW of the tipple structure. Only the concrete pilings remain as of the date of this inspection. Mr. Reynolds indicated that the permittee may possibly leave these for a future project. A large amount of coal was removed from this area during the cleanup process.

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14. SUBSIDENCE CONTROL

The annual subsidence survey was conducted for the Bear and Trail Canyon sites on September 30, 1995 by Mr. Dan Guy, P. E., Blackhawk Engineering Company. SMS-1,2,7,9, and 10, which specifically relate to the Bear Canyon property, all show settling of up to .49' since the August 1994 survey. The permittee has revised Plate 3-3 to show the subsidence opening mitigation above Birch Springs.

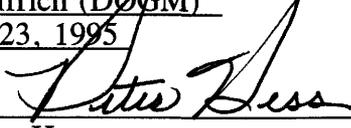
20. AIR QUALITY PERMIT

The notice of intent for the revision of the permittee's air quality permit was submitted to BAQ on October 10, 1995. BAQ has ninety days to respond regarding this matter.

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 (DOG M) Filed to: Price Field Office
Date: November 23, 1995

Inspector's Signature:  #46
Peter Hess