



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

INSPECTION REPORT

gal

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: 12/20/93 9:00 TO 12:30
 Date of Last Inspection: 11/23/93

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 X Surface ___ Prep. Plant ___ Other ___
 State Official(s): Susan White
 Company Official(s): Marlow Petersen
 Federal Official(s): _____

Weather Conditions: sunny and cold

Existing Acreage: Permitted-1531 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.
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- 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.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
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 checked="" 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 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 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT

(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 12/20/93

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permit appeared to be in order. No transfer, renewals or sales were pending.

2. SIGNS AND MARKERS

All signs and markers were in place.

3. TOPSOIL

The berm around the topsoil pile near the shower house requires maintenance. The operator must keep all construction material off the topsoil pile. The bath house topsoil pile should be posted with a sign.

4. HYDROLOGIC BALANCE:

Diversions - The undisturbed drainage around the bath house requires maintenance. The operator must be diligent in maintaining the ditches during construction.

The plastic line past the tipple and in the canyon below the upper storage pad had broke and must be repaired.

Sediment ponds and impoundments - The cleaning of pond A was recently completed. Quarterly and Annual inspection reports were in order.

Water monitoring - Third quarter water monitoring appeared to be in order.

Effluent Limitations - UPDES reports for July, Ponds A and B could not be found. The operator stated that he failed to retain copies of the reports, however they were submitted.

8. NONCOAL WASTE

Routine house keeping is required throughout the site. Garbage from construction activities around the bath house must be removed.

INSPECTION REPORT

(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 12/20/93

18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

The Bath House construction is progressing slowly. The two new powder houses must be placed in an appropriate area.

21. BONDING & INSURANCE

As a result of the mid-term review the bond was increased from \$290,000 to \$340,282. This increased amount is due January 14, 1994.

The current insurance policy expires 1/1/94.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: Russell M. White #35 Date: 1/3/94



State of Utah

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Page 1 of 1

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Partial: X Complete: Exploration:
Inspection Date & Time: 23 November 1993/13:30-17:30
Date of Last Inspection: 7 October 1993

Mine Name: Bear Canyon 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 X Surface Prep. Plant Other
State Officials(s): Jess Kelley Company Official(s): Charles Reynolds Federal Official(s): None
Weather Conditions: Cold and snowy
Existing Acreage: Permitted- 1060 Disturbed- 24 Regraded- Seeded- Bonded- 24
Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-
Status: Exploration/ X Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
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3. TOPSOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
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b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT

(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: November 23, 1993

(Comments are Numbered to Correspond with Topics Listed Above)

4. HYDROLOGIC BALANCE

a. Diversions--Diversions, culverts, culvert inlets, and culvert outlets were examined and found to be clean and in good repair.

Violation N93-35-5-1 was issued 8/10/93 for failure to design a diversion whose purpose is to carry runoff from the Bear portal pad to culvert C-1D. A design for this diversion has been approved and included in the approved plan and the diversion has been built. The diversion is designated "D-13D" and is, according to the design, 0.5 feet deep and 6 feet wide. The diversion was examined during the inspection and found to be of the correct dimensions and functional. The violation can now be terminated.

Violation N93-35-6-1 was issued 8/10/93 for failure to maintain culvert C-7D, which drains the coal storage pad. To abate this violation, the permittee has regraded the coal storage pad, in accordance with a plan approved by the Division, so that it now drains to ditch D-7D. This regrading of the coal storage pad was examined during the inspection and found to be in accordance with the approved plan and functioning as intended. The violation can now be terminated.

b. Sediment Ponds and Impoundments--Violation N93-35-7-3 was issued 8/12/93. Part 1 of the violation was for failure to properly design and build sediment pond C prior to coal mining operations. To abate this violation, the permittee submitted and the Division approved Amendment 93M. The permittee submitted as-built drawings of sediment pond C for Division approval on 9/29/93. Sediment pond C was examined during the inspection. It now has a decant pipe and an emergency spillway and conforms in every other aspect to the as-built drawing as well. Part 1 of the violation can now be terminated.

12. BACKFILLING AND GRADING

Amendment 93D was approved earlier this year. It allows for the removal of substitute topsoil material from beneath the coal storage pad and the placement of that material on the outslope of the coal storage pad to repair erosion damage. This work is now being done and is, according to the permittee, about half finished.

INSPECTION REPORT

(Continuation sheet)

Page 3 of 3

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: November 23, 1993

18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

The new bathhouse/office building is still under construction. The walls are up and the roof is on. Installation of the windows and the interior work will soon begin.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: _____

Jesse W. Kelley

#34 Date: 11/29/93



State of Utah

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801-359-3940 (Fax)
801-538-5319 (TDD)

Partial: X Complete: Exploration:
Inspection Date & Time: 10/7/93 1:00 TO 2:30
Date of Last Inspection: 9/14/93

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 X Surface Prep. Plant Other
State Official(s): Susan White
Company Official(s): Charles Reynolds
Federal Official(s):

Weather Conditions: cloudy and cool
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)
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2. SIGNS AND MARKERS	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
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e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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INSPECTION REPORT

(Continuation sheet)

Page 2 of 2

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 10/7/93

(Comments are Numbered to Correspond with Topics Listed Above)

3. TOPSOIL

The sign for the new topsoil pile at the Bath House is on order. The pile will be posted when the new sign is available.

4. HYDROLOGIC BALANCE:

a. Diversions - The diversions at the Bath House had been left non-functional after construction work. The operator was informed that the diversions must be regraded immediately and a violation would be issued if diversions were left non-functional again.

Ditch D-1U requires maintenance while still in compliance.

b. Sediment Ponds - Pond A was about half cleaned out. The operator was to pump water out of Pond A and into Pond B in order to complete the clean out.

13. REVEGETATION

The Bath House topsoil pile, sediment pond and undisturbed diversions had been seeded.

18. SUPPORT FACILITIES

The Bath House had a portion of one wall completed.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature:

Susan M. White #35 Date: 10/14/93



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
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INSPECTION REPORT

Handwritten signatures and initials

Michael O. Leavitt
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Partial: X Complete: Exploration:
 Inspection Date & Time: 9/14/93 1:00 TO 2:00
 Date of Last Inspection: 8/10/93

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 X Surface Prep. Plant Other
 State Official(s): Susan White
 Company Official(s): Charles Reynolds
 Federal Official(s):

Weather Conditions: fair and cool
 Existing Acreage: Permitted-1060 Disturbed-24 Regraded- Seeded- Bonded-24
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12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



INSPECTION REPORT

(Continuation sheet)

Page 2 of 2

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 9/14/93

(Comments are Numbered to Correspond with Topics Listed Above)

3. TOPSOIL

The berm around the shower house topsoil pile was in place.

4. HYDROLOGIC BALANCE:

Two water user groups had protested the public notice given by the operator to mine the tank seam. The Division held a public hearing on September 9, 1993 and the water users issues were heard. To date the Division has not issued a finding.

Diversions -

Ditch D-1U requires maintenance while still in compliance.

Culvert C-2U had been crush and had been replaced with a steel pipe.

Piping was noted around flex culvert C-8U prior to the culvert running underneath the coal storage pad on the last inspection. The operator regraded around the base of the culvert so that water would not stand and seep under the inlet.

Undisturbed and disturbed drainage ditch D-8U and D-9U had been installed and N93-35-7-3 had been abated prior to this inspection.

N93-35-5 and 6 have had the required plans submitted to the Division. Upon Division approval the plans will be implemented so the violations can be abated.

Sediment ponds and impoundments -

N93-35-7-3 was abated prior to this inspection and Pond C was completed.

Cleaning of Pond A had just begun at the time of this inspection.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: Susan White #35 Date: 9/16/93



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

Handwritten initials/signature

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: Exploration:
Inspection Date & Time: 8/10/93 8:00 TO 6:00
Date of Last Inspection: 7/14/93

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): Tom Wright
Weather Conditions: warm, cloudy with some rain
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 checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>



INSPECTION REPORT

(Continuation sheet)

Page 2 of 4

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 8/10/93

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

Division Order 93A is pending. The Operator requested and received an extension on the time limit for this order which involves a recalculation of the bond.

2. SIGNS AND MARKERS

All signs and markers were in place.

3. TOPSOIL

The operator had not completed the topsoil salvage operation at the Shower House and had not established the required topsoil protection around the pile. Violation N93-35-7-1 was issued. The topsoil pile adjacent to the scale house was walked and the protection berm was in place.

4. HYDROLOGIC BALANCE:

Diversions - The site had received .3 inches of rain the night prior to the inspection and .27 inches in an hour event during the inspection and another unspecified amount at the end of the inspection. In general the site held up well and the operator was doing maintenance during the inspection. The following problems were identified as either requiring maintenance during this inspection, prior to the next inspection or issued a notice of violation.

Ditch D-1U requires maintenance while still in compliance.

Ditch D-4U was bladed prior to the completion of this inspection and was determined to be in compliance with the permit specifications.

Culvert C-2U had been crush and was repaired on site prior to the completion of this inspection. The operator stated that this culvert was slated for replacement. Water was noted to have circumvented the culvert and the sizing of the culvert should be recalculated prior to replacement.

The drainage for the Bear Portal Pad was not functioning properly, untreated water was running down the road and eventually off the permit area. No drainage plan could be identified in the permit for this area. N93-35-5-1 was issued.

INSPECTION REPORT

(Continuation sheet)

Page 3 of 4

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 8/10/93

Water from D-1D flows thru culvert C-1D and onto the undisturbed area and into the pond. A division order will be issued to include the undisturbed area into the disturbed area.

Piping was noted around flex culvert C-8U prior to the culvert running underneath the coal storage pad. The operator stated that the area would be excavated to try to eliminate the piping,

The operator repaired Ditch D-11D during the inspection and was in compliance.

Culvert C-7D was plugged and erosion was occurring on the out slopes of the coal storage pad. Violation N93-35-6-1 was issued.

Undisturbed and disturbed drainage ditch D-8U and D-9U had not been installed around the Bath House, Violation N93-35-7-3 was issued.

Sediment ponds and impoundments - Ponds A and B contained water. Quarterly and Annual inspection reports were in order. The operator was reminded that the embankments of Pond B was not to be used as a storage pad for construction of the Bath House.

Sediment Pond C had not been completed, spillway, decant and rip-rap inlet had not be installed, Violation N93-35-7-3 was issued. The operator continues to inspect the pond during construction activities.

Other sediment control measures -

A water sample was collected from the silt fence north of the Bear Portal Pad. Results of the sample are due 8/25/93.

The catch basin on the Hoist Pad was repaired during the inspection and was determined to be in compliance.

Three silt fences are used as a BTCA for Area "C", the last silt fence had a piping hole and the operator was asked to repair the fence.

Water monitoring - Second quarter water monitoring appeared to be in order.

Effluent Limitations - The UPDES permit was reissued effective July 1, 1993. All UPDES reporting appeared to be in order.

INSPECTION REPORT

(Continuation sheet)

Page 4 of 4

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 8/10/93

The culinary water overflow was discharging into Bear Creek. The water contained coal fines and a foam had developed in the culvert. A water sample was taken and the results of the analysis are due 8/35/93. A violation will be issued if water quality analysis indicates.

8. NONCOAL WASTE

Routine house keeping was required on and around the upper storage pad.

12. BACKFILLING AND GRADING

The upper storage pad is graded such that water ponds at the south end. This was the area in which the outslope of the pad slumped last spring. The operator must regrade the pad prior to the next inspection.

18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

The Bath House construction is progressing slowly. The cement footings had been poured as of the current inspection. Some additional work has been done on the associated sediment pond.

21. BONDING & INSURANCE

Bonds and insurance appeared to be in order.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: *Juan M. White* #35 Date: 8/16/93



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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: 7/14/93 9:00 TO 12:00
Date of Last Inspection: 6/29/93

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 X Surface ___ Prep. Plant ___ Other ___
State Official(s): Susan White
Company Official(s): Charles Reynolds
Federal Official(s): None

Weather Conditions: warm, 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

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.
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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.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input 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 checked="" 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 checked="" type="checkbox"/>	<input 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 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 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"/>



INSPECTION REPORT

(Continuation sheet)

Page 2 of 2

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 7/14/93

(Comments are Numbered to Correspond with Topics Listed Above)

2. SIGNS AND MARKERS

All signs and markers were in place.

3. TOPSOIL

The operator was encouraged to complete the topsoil salvage operation at the Shower House and to establish the required topsoil protection around the pile. The topsoil pile adjacent to the scale house was walked and the protection berm was in place.

4. HYDROLOGIC BALANCE:

Diversions - the operator was encouraged to complete the diversions to the sediment pond at the Shower House site. Ditch D-2D and D-4U require maintenance. All culverts were observed and found to measure as specified in the permit.

Sediment ponds and impoundments - Pond A should be scheduled for clean out this year. Cleaning on Pond B requires some follow up around the marker and map as-built. The inlet to Pond B should be regouted this year. The quarterly pond inspection was performed by Charles Reynolds on 5/18/93. Pond C was inspected during construction on 6/29/93.

Other sediment control measures - Netting which had come off during the winter in the BTCA areas had been replaced. The straw bale berm around the base of the ball park requires maintenance. The plunge pool at the base of the cliffs below the upper storage pad require maintenance.

Water monitoring - Second quarter water monitoring appeared to be in order.

Effluent Limitations - The UPDES permit was reissued effective July 1, 1993. All UPDES reporting appeared to be in order.

13. REVEGETATION:

A tentative reference area was selected for the bath house pad area. A vegetation inventory will be conducted within the next several weeks.

INSPECTION REPORT

(Continuation sheet)

Page 3 of 2

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 7/14/93

16. ROADS:

The operator was advised that maintenance or a permit change is required on the Hoist Road in order to be in compliance with the permit.

18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

The Bath House construction is progressing slowly. The cement footings had been poured as of the current inspection. Some additional work has been done on the associated sediment pond.

21. BONDING & INSURANCE

Bonds and insurance appeared to be in order.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: Susan M. White #35 Date: July 14, 1993



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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: X Complete: Exploration:
Inspection Date & Time: 6/29//93 9:00 TO 12:00
Date of Last Inspection: 5/20/93

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 X Surface Prep. Plant Other
State Official(s): Susan White
Company Official(s): Charles Reynolds
Federal Official(s): None
Weather Conditions: warm, 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.
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	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June)_____ (date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT

(Continuation sheet)

Page 2 of 2

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 6/29/93

(Comments are Numbered to Correspond with Topics Listed Above)

3. TOPSOIL

The operator was encouraged to complete the topsoil salvage operation at the Shower House and to establish the required topsoil protection around the pile.

4. HYDROLOGIC BALANCE:

Diversions - the operator was encouraged to complete the diversions to the sediment pond at the Shower House site.

Sediment ponds and impoundments - Pond A should be scheduled for clean out this year. Cleaning on Pond B has not been completed as yet and should be done soon.,

Other sediment control measures - Netting which had come off during the winter in the BTCA areas had been replaced.

13. REVEGETATION:

A tentative reference area was selected for the tank seam road and pad. A vegetation inventory will be conducted within the next several weeks.

16. ROADS:

The proposed Tank Seam road route was walked. The operator was cautioned again about topsoil and rock side cast during construction.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: Susan M. White #35 Date: July 7, 1993



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

gkpgk

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: 5/20/93 9:00 TO 3:00
Date of Last Inspection: 4/28/93

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 X Surface ___ Prep. Plant ___ Other ___
State Official(s): Susan White
Company Official(s): Charles Reynolds
Federal Official(s): None
Weather Conditions: warm, fair, and rain
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

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 checked="" 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 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 checked="" type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input 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 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 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"/>



INSPECTION REPORT

(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 5/20/93

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

All permit items were in order and unchanged since the last complete inspection on 2/10/93.

2. SIGNS AND MARKERS

Some of the disturbed area markers and none of the stream buffer zone markers were in place in the area of construction of the new bath house facilities area. The operator stated that these would be in place by 5/26/93.

3. TOPSOIL

The operator had started removing topsoil from the new bath house facilities area. It appeared difficult to remove the required amount of topsoil due to the numerous amount of surface rocks. I suggested that the operator request that the Division Soil Scientist visit the site to determine the adequacy of topsoil removal.

4. HYDROLOGIC BALANCE

a. Diversions - All diversions and culverts were observed. The culvert on the wash pad near the shop area required maintenance. Culvert 7D was plugged and water had circumvented the drainage. The operator attempted to unplug the culvert immediately. Because this culvert design allows for the water to drain thru the gravel it was unclear if indeed the culvert was clean or the gravel filter was clogged with sediment. The operator was advised to observe the area after a rain. The end of flex culvert 3U had fallen off. The operator stated that it would be retrieved and replaced.

The berm around Coal Pile 1 must be maintained.

b. Sediment Ponds and Impoundments - The operator had almost completed the removal of sediment from Sediment Pond B. Construction had begun on Pond C. The operator was reminded of the inspection requirement during construction of the pond. Quarterly inspection reports for Ponds A and B were noted.

c. Other Sediment Control Measures - Failed netting must be replaced on areas designed as a BTCA.

d. Water Monitoring - All water monitoring was done for the January to March quarter and in order. Big Bear Spring and Birch Spring were sampled by CTE during the inspection.

e. Effluent Limitations - All NPDES sampling was observed and in order.

INSPECTION REPORT

(Continuation sheet)

Page 3 of 3

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 5/20/93

5. EXPLOSIVES

Violation Number N93-35-03-01 was issued for the use of explosives on the surface with out approval to do so in the permit.

6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES

The operator was reminded of the inspection requirements during the placement of excess fill during construction of the Bath House facilities.

16. ROADS:

The Hoist Road had not been maintained or used for some time. The permit should be changed to designate the road and maintenance according to it use.

21. BONDING AND INSURANCE

All bonding and insurance was in order, as noted in the 2/10/93 inspection report.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: Susan M. White #35 Date: May 25, 1993



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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: X Complete: Exploration:
Inspection Date & Time: 4/28/93 8:30 TO 12:30
Date of Last Inspection: 3/11/93

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 X Surface Prep. Plant Other
State Official(s): Susan White and Tom Munson
Company Official(s): Charles Reynolds
Federal Official(s): None
Weather Conditions: cool 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)
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1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



INSPECTION REPORT

(Continuation sheet)

Page 2 of 2

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 4/28/93

(Comments are Numbered to Correspond with Topics Listed Above)

3. TOPSOIL

Both topsoil piles were observed and walked over. The out slopes of the Ball Park pile had minimal vegetative cover and some erosion. The operator committed to doing work on the out slopes this summer and seed in the fall according to the approved permit.

4. HYDROLOGIC BALANCE

- a. Diversions - D-9U was of minimum dimensions as specified in the permit.
D-7D was of minimum dimensions as specified in the permit, however three areas were noted which required maintenance.
D-8D was of the minimum dimensions as specified in the permit.
D-3D was of the minimum dimensions as specified in the permit.

c. Other sediment control measures - A slide occurred on the slope off the upper storage pad. The slide removed some of the erosion control matting. This is a BTCA area treated with the matting until the vegetation establishes. These areas should be reseeded with an annual cover crop for the summer and then the approved seed mixture this fall.

18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

Fill and road base for the road to the bath house was being installed. During the inspection more silt fence was placed to provide greater protection to Bear Creek from sediment.

Mine timbers were being stored on the substation pad, the operator was asked to remove the timbers and place them in a designated storage area.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: *Alex M. White* #35 Date: April 30, 1993



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

Norman H. Bangarter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

Partial: X Complete: Exploration:
Inspection Date & Time: 3/11/93 1:30 TO 3:30
Date of Last Inspection: 2/10/93

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 X Surface Prep. Plant Other
State Official(s): Susan White
Company Official(s): Charles Reynolds
Federal Official(s): None
Weather Conditions: cold and windy
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

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	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 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 type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT

(Continuation sheet)

Page 2 of 23

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 3/11/93

(Comments are Numbered to Correspond with Topics Listed Above)

Most all of the snow had melted from the site.

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

-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. Pamela Grubaugh-Littig's memo dated March 11, 1993 states that the last of the items to be approved in the first condition was approved December 16, 1992. Special Condition number 2 is an ongoing condition for the permit and does not have an end date. If the terms of this condition are not met, enforcement action will be taken.

4. HYDROLOGIC BALANCE

a. Diversions - Disturbed ditch D-7D flow was obstructed due to rocks and sediment. 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. This is the second inspection in a row in which this event has been noted. The operator was notified that if this occurs again a violation will be written.

Ditch D-6D was measured to have a minimum width of 3 feet and minimum depth of 1 1/2 feet as specified in the permit.

The undisturbed ditch and berm on the upper storage pad requires maintenance as do most of the diversions now that the snow has melted.

Undisturbed culvert C-8U was installed last fall to circumvent coal fines in the canyon from entering into the undisturbed drainage. Coal fines were observed at the inlet to the undisturbed culvert. This situation needs to be monitored and the culvert extended if the coal fines continue.

INSPECTION REPORT

(Continuation sheet)

Page 3 of 23

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 3/11/93

18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

The culvert in Bear Creek had been installed in preparation for the Bath House facility.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: Susan M. White #35 Date: March 15, 1993



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

Page 1 of 1

Norman H. Bangertter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
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)

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 - 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.
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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"/>
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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"/>

INSPECTION REPORT

(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.

INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 2/10/93

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.

INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 2/10/93

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: Susan M. White #35 Date: February 17, 1993



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

INSPECTION REPORT

JH
pgc

Norman H. Bangarter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

Partial: X Complete: Exploration:
Inspection Date & Time: 1/26/93 12:00 to 1:30
Date of Last Inspection: 12/2/92

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 X 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

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.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 1/26/93

(Comments are Numbered to Correspond with Topics Listed Above)

The mine site was covered with snow two to two and a half feet deep on most exposures.

4. HYDROLOGIC BALANCE

b. Sediment Ponds and Impoundments - Sediment Ponds A and B were inspected and found to have ice and snow, water was running into the ponds.

e. Effluent Limitations - The operator was reminded that the NPDES permit expires on April 30, 1993.

9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES

A letter from DWR to the Bureau of Water Pollution Control was reviewed with the operator. The letter suggested that in case of an accidental spill or discharge of toxic material in to Bear Creek that the operator should have adsorption and containment equipment stored on site. The Division supports this statement.

16. ROADS:

b. Drainage Controls - Runoff was occurring during the time of inspection. Since most of the road and pad drainage were full of plowed snow most water was running down the road. All observed runoff was reaching the appropriate culverts and treated at the sediment ponds. No water was observed leaving the site.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: *Susan M. White*

#35 Date: January 27, 1993