



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

get
ARZ

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INSPECTION REPORT

Partial: Complete: Exploration:
Inspection Date & Time: May 18, 1993, 9:00 AM to 1:30 PM
Date of Last Inspection: April 21, 1993

Mine Name: Castle Gate County: Carbon Permit Number: ACT/007/004

Permittee and/or Operator's Name: AMAX Coal Co.

Business Address: 2273 Bishop Rd., P. O. Box 3005, Gillette, WY 82717-3005

Type of Mining Activity: Underground Surface Prep. Plant Other

State Official(s): Paul Baker

Company Official(s): Richard Allison

Federal Official(s): None

Weather Conditions: Partly Cloudy, 70's

Existing Acreage: Permitted- 8510 Disturbed- 134.5 Regraded- 6.5 Seeded- 6.5 Bonded- 134.5

Increased/Decreased: Permitted- 0 Disturbed- 0 Regraded- 0 Seeded- 0 Bonded- 0

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 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 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 type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 type="checkbox"/>	<input checked="" 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) <u>5/18/93</u> (date)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION: May 18, 1993

(Comments are Numbered to Correspond with Topics Listed Above)

1. Permits, Change, Transfer, Renewal, Sale

Abatement of N92-39-7-1 is due June 30, 1993; however, AMAX has not yet received approval for the designs to abate the violation. Mr. Allison said that they will probably need to ask for another extension.

The revised Chapter IX, Vegetation, was approved May 11, 1993.

In response to the Division's letter of April 9, 1993, concerning Division Order 92-A, AMAX has submitted information showing the probability of pond 9 discharging within the next 18 months and committing to reclamation of Hardscrabble Canyon.

The Division and AMAX are continuing to work to resolve the December 18, 1990, Division Order.

4. Hydrologic Balance

a. Diversions

At the upper end of the riprapped channel at Goose Island, water is not flowing through the constructed channel. A rill approximately 6-8" deep has formed to the side of the riprap. This is not a serious problem now but could become one if water is allowed to continue to flow through this rill.

b. Sediment Ponds and Impoundments

Since the last inspection, some of the water was pumped from pond 14, but not all of the water was removed because some salamanders were observed swimming in the bottom of the pond. Mr. Allison also told me that the contractor who pumped the water felt that water was entering the pond by means in addition to overland flow, ie. that there could be a spring which is feeding the pond. The water level is now about two feet below where it was in April which is about four feet below the emergency spillway.

The certified pond inspection for pond 14 indicated that the sediment level was 8.2 feet below the top of the embankment. It appears that the level that was measured was a small alluvial fan on one side of the pond and not the average level. The average sediment level appears to be at least two feet below the level shown in this inspection report. If this observation is correct, the 60% cleanout level has not yet been reached and the pond may not need to be cleaned before the site is reclaimed.

The hole on the southwest side of pond 12A was examined again, this time with a flashlight. The cavity into which the hole leads is about seven feet in diameter and about 2-3 feet high. There is a non-mortared rock wall around the edge, the floor is dirt, and the roof is of concrete with some kind of metal reinforcing.

13. Revegetation

The whitetop and musk thistle in Crandall Canyon have been sprayed, and most of these plants are yellow and sickly. I could not see evidence that the dyer's woad in Hardscrabble Canyon had been sprayed although Pete Ferguson told me on May 19 that he thought that it had been done. Mr. Ferguson was asked to check back with Carbon County Weed Control to determine what efforts they had made and to have them follow through with another application if necessary.

18. Support Facilities and Utility Installations

The garage portion of the bathhouse/warehouse/shop building in the preparation plant area which collapsed under the weight of the snow last winter is being removed and scrapped.

19. AVS Check

As mentioned in the March inspection report, the Division received a letter from Steve Laird dated February 12, 1993, in which he listed the latest corporate tree for AMAX. There are some discrepancies

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PERMIT NUMBER: ACT/007/004

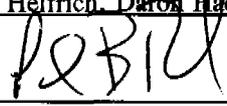
DATE OF INSPECTION: May 18, 1993

between this information and the information contained in the plan, and the legal, financial, and compliance section of the MRP needs to be updated accordingly.

Copy of this report:

Mailed to: Richard Allison (AMAX), Marcia Petta (OSM)

Given to: Joe Helfrich, Daron Haddock (DOGM)

Inspector's Signature: 

Paul B. Baker #41

Date: June 1, 1993