



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: July 30, 1996, 9:30 AM to 3:30 PM
Date of Last Inspection: June 27, 1996

Mine Name: Castle Gate County: Carbon Permit Number: ACT/007/004
 Permittee and/or Operator's Name: AMAX Coal Holding Co.
 Business Address: P. O. Drawer PMC, Price, Utah 84501
 Type of Mining Activity: Underground X Surface Prep. Plant X Other
 State Officials(s): Paul Baker
 Company Official(s): Johnny Pappas
 Federal Official(s): None
 Weather Conditions: Clear, 80's
 Existing Acreage: Permitted- 7646.5 Disturbed- 197.5 Regraded- 33.2 Seeded- 33.2 Bonded- 162
 Increased/Decreased: Permitted- 0 Disturbed- 0 Regraded- 0 Seeded- 0 Bonded- 0
 Status: Exploration/Active/Inactive/Temporary Cessation/Bond Forfeiture
 Reclamation (X Phase I/ Phase II/ Final Bond Release/ 10 for Goose Island Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>
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 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)

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PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION: July 30, 1996

(Comments are Numbered to Correspond with Topics Listed Above)

1. Permits, Change, Transfer, Renewal, Sale

Effective July 2, 1996, the permit for the Castle Gate Mine was transferred to Amax Coal Holding Company.

On July 9, 1996, the Division approved amendment 96D which has as-built plans for Sowbelly Gulch. There were still a few problems with the submittal, and Amax needs to correct these by August 15, 1996.

3. Topsoil

Cyprus Plateau Mining Corporation is continuing to build the conveyor for the Willow Creek Mine. Much of the cut material is going to be used as fill around some of the pads in the preparation plant area. I was assured by Ben Grimes that they are salvaging topsoil and not using it for fill.

4. Hydrologic Balance

a. Diversions

The operator has finished cleaning some of the diversions in Crandall Canyon. There is still some sediment in the bottom of the three large culverts under the road, but all of the major obstacles have been removed. Debris from a minor slide into the main channel was removed, and some smaller culverts and ditches were cleaned.

7. Coal Mine Waste/Refuse Piles/Impoundments

The upper portion of CGD-4 has been grouted. I have a concern about one place where the diversion goes around a corner, but I believe it will work. I also question what would happen where the grout starts; water might scour around the grout. Again, there's probably not a problem. The ditch needs to be measured to be sure it meets design criteria.

The operator has also grouted the lower portion of CGD-6, reinforced berms in the Schoolhouse Canyon Refuse Pile area, and regraded the ditches.

13. Revegetation

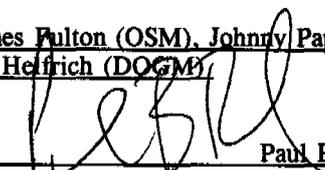
Vegetation is growing in portions of the No. 4 Mine area that were reseeded last year, but it is spotty. I was impressed that the SoilGuard mulch used last year on some of the very steep slopes, including rock outcrops, has stayed in place very well. However, there are not a lot of things growing in these areas. This is probably a result of the harsh conditions rather than a problem with the mulch. Areas that were not redisturbed last year generally appear to have good vegetation cover. I also felt there were a lot of forbs and shrubs in addition to the grasses.

There is very little dyer's woad left in Hardscrabble Canyon. I saw only a few musk thistle plants anywhere. A bindweed plant in the Goose Island area has been sprayed, but we found another that needs to be sprayed.

Copy of this Report:

Mailed to: James Fulton (OSM), Johnny Pappas (Amax)

Given to: Joe Helfrich (DOGMA)

Inspector's Signature:  Paul B. Baker #41 Date: July 31, 1996