

0020



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

Partial: X Complete:    Exploration:   

Inspection Date & Time: November 8, 1999, 9:30 AM to 1:00 PM

Date of Last Inspection: October 8, 1999

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

Permittee and/or Operator's Name: Castle Gate Holding Company

Business Address: 847 Northwest Highway 191, Helper, Utah 84526

Type of Mining Activity: Underground X Surface    Prep. Plant    Other   

State Official(s): Paul Baker

Company Official(s): Johnny Pappas

Federal Official(s): None

Weather Conditions: Partly cloudy, 60's

Existing Acreage: Permitted- 7509.5 Disturbed- 63 Regraded- 60 Seeded- 60 Bonded- 63

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/    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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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/007/004

DATE OF INSPECTION: November 8, 1999

(Comments are Numbered to Correspond with Topics Listed Above)

1. Permits, Change, Transfer, Renewal, Sale

On October 25, 1999, the Division determined the permit renewal application complete and accurate and notified the permittee that it could begin advertising.

4. Hydrologic Balance

a. Diversions

On October 15, 1999, I met with Division hydrologist Sharon Falvey, the operator's contractor, and Mr. Pappas to discuss work that needs to be done on HCRD-10. We talked about how to lower the channel to meet the design in the plan and about how to regrade portions of the area to reduce erosion potential.

During the inspection, a trackhoe operator was excavating refuse, and this was being taken to a pit at the base of the cliff in the No. 3 Mine area. Although the work done so far was in line with what we decided in the October 15 meeting, I was concerned the equipment operator did not have a clear understanding of the ultimate goal.

c. Other Sediment Control Measures

The berm under the gate at Adit No. 1 in Price Canyon has been repaired.

The operator has installed straw bales below the area in Goose Island where regrading is being done, but they were placed in a way that water could run between the bales. This needs to be repaired. There has been no recent precipitation, so no untreated runoff has left the site.

12. Backfilling and Grading

Work is not yet complete on the slope near the No. 3 Mine where a contractor has been working to regrade the slope. The top of the slope has been brought down an average of about five feet, but it may need to come down some more to get the stability needed.

13. Revegetation

With the excavation that has occurred in Goose Island, I was able to examine the number and size of roots extending into the refuse. I found mostly coarse roots going down as much as three feet into the refuse. The refuse was very coarse, and I would expect it to have little water holding capacity except near the soil interface where there was evidence of weathering.

16. Roads

b. Drainage Control

The drainage swales in the road have been partly filled in to allow equipment to travel more easily up and down the canyon. These will need to be restored when construction is complete.

20. Air Quality Permit

The road through Hardscrabble Canyon was very dusty but was watered within about fifteen minutes of my arrival.

21. Bonding and Insurance

A memo dated October 25, 1999, from Pamela Grubaugh-Littig says, "The bond amount for the Castle Gate Mine was recalculated and increased from \$1,804,000 to \$2,119,000 due to an escalation factor to the year 2005, (see memo from Wayne Western, dated October 4, 1999.) This bond is satisfactory at this time due to the fact that a bond release application will be submitted by the end of 1999 for an amount greater than the escalated amount."

Copy of this Report:

Mailed to: James Fulton (OSM), Johnny Pappas (Castle Gate)

Given to: Pamela Grubaugh-Littig (DOGM)

Inspector's Signature: 

Paul B. Baker #41

Date: November 16, 1999