



The State of Utah  
 Department of  
 Natural Resources  
 Division of  
 Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

**Representatives Present During the Inspection:**

Company	Johnny Pappas Sr. Environmental Engineer
OGM	Joe Helfrich Environmental Scientist III

# Inspection Report

Permit Number:	C0070004
Inspection Type:	COMPLETE
Inspection Date:	Thursday, March 11, 2004
Start Date/Time:	03/11/2004 9:00:00 AM
End Date/Time:	03/11/2004 4:00:00 PM
Last Inspection:	Wednesday, February 18, 2004

Inspector: Joe Helfrich, Environmental Scientist III

Weather: sunny 50

InspectionID Report Number: 204

Accepted by: dhaddock  
 03/17/2004

Permittee: **CASTLE GATE HOLDING CO**  
 Operator: **CASTLE GATE HOLDING CO**  
 Site: **CASTLE GATE MINE**  
 Address: **PO BOX 30, HELPER UT 84526-0030**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

**Current Acreages**

7,619.00	<b>Total Permitted</b>
63.00	<b>Total Disturbed</b>
29.20	<b>Phase I</b>
18.20	<b>Phase II</b>
	<b>Phase III</b>

**Mineral Ownership**

- Federal
- State
- County
- Fee
- Other

**Types of Operations**

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

**Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:**

The purpose of this inspection report was to conduct a complete inspection of the Castle Gate facilities. The mine is reclaimed. There are no amendments pending, outstanding permit conditions, or compliance issues.

**Inspector's Signature:** \_\_\_\_\_ **Date** Monday, March 15, 2004

Joe Helfrich, Environmental Scientist III

Inspector ID Number: 1

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining

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**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENT**

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 Not Applicable.*
  - b. *For PARTIAL inspections check only the elements evaluated.*
2. *Document any noncompliance situation by reference 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, Divison Orders, and amendments.*

	Evaluated	Not Applicable	Comment	Enforcement
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 type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 Issues	<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 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 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.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input checked="" 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	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**1. Permits, Change, Transfer, Renewal, Sale**

The permit was renewed December 24, 1999. The 120 day prior submittal date for renewal would be August 26, 2004.

**2. Signs and Markers**

Signs containing the required information were posted at access points to the reclaimed areas.

**4.c Hydrologic Balance: Other Sediment Control Measures**

Surface roughening, vegetation, diversions and water bars are the sediment controls for the reclaimed areas. The current snow depth made the site inaccessible.

**4.d Hydrologic Balance: Water Monitoring**

Water monitoring data was inspected for the fourth quarter. The fourth quarter 2003 monitoring data (entered electronically) was reviewed by the undersigned. Hard copies of the data for the adit pond discharge were reviewed. Sites B11, 12, 28, and 45 were reported as dry. Attempts to monitor the Hardscrabble and Sowbelly sites have not been successful as they have been frozen and snow covered. The undersigned and Mr. Pappas will visit the sights again in April to collect monitoring data. There was some flow from the underground spring at the # 1 Adit.

SITE	LOCATION	FREQUENCY	DATE SAMPLED
B12	Hardscrabble Upper	Quarterly	Dry,9/10/2003, 12/04/2003
B11	Hardscrabble Lower	Quarterly	Dry,9/10/2003, 12/04/2003
B28	Sowbelly Upper	Quarterly	Dry,9/10/2003, 12/04/2003
B45	Sowbelly Lower	Quarterly	Dry,9/10/2003, 12/04/2003

**13. Revegetation**

The vegetation at Hardscrabble and Sowbelly has been approved for phase II bond release. Pending the vegetation assessment for this year the Sowbelly site should be eligible for phase three bond release. This year's growth at the #1 Adit has not started yet.

**18. Support Facilities, Utility Installations**

Attempts to access the reclaimed substations were unsuccessful.

**21. Bonding and Insurance**

The surety bond is currently set at \$601,333.00 and the Certificate of Insurance is current through June 30, 2004.