



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

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

Representatives Present During the Inspection

OGM	Joe Helfrich	Reclamation Specialist III
Company	Johnny Pappas	Sr. Environmental Engineer

Inspection Report

Permit Number:	C0070004
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, September 10, 2003
Start Date/Time:	9/10/2003 9:00:00 AM
End Date/Time:	9/10/2003 4:00:00 PM
Last Inspection:	Wednesday, August 13, 2003

Inspector: Joe Helfrich, Reclamation Specialist III

Weather: rainy 55

Accepted by: dhaddock
 9/17/2003

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	Total Permitted
63.00	Total Disturbed
29.20	Phase I
18.20	Phase II
	Phase III

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, Divison Orders, and amendments:

The purpose of this site visit was to conduct a complete inspection of the Castle Gate facility. Steve Fluke attended to facilitate the joint Hydro/Inspector visit.

Inspector's Signature: _____

Date Monday, September 15, 2003

Joe Helfrich, Reclamation Specialist 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 REQUIREMENTS

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, Division 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: 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	<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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

The permit was renewed December 24, 1999. There are no amendments pending.

2. Signs and Markers

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

3. Topsoil

The soil media used in reclamation of the #1 Adit was mostly in-place pre-law material containing some refuse. The first season vegetation establishment in the small refuse area is as good as or better than the other soil media areas.

4.a Hydrologic Balance: Diversions

The sediment control structures were in good repair and were functioning properly at the Hardscrabble, Sowbelly, and #1 adit reclaimed sites.

4.c Hydrologic Balance: Other Sediment Control Measures

Surface roughening, vegetation, diversions, and water bars are the sediment controls for the Hardscrabble, Sowbelly, and #1 adit reclaimed sites. The vegetation at Sowbelly and Hardscrabble has been evaluated and approved for phase II bond release. The sediment control measures were functioning adequately at the time of this inspection.

4.d Hydrologic Balance: Water Monitoring

The third quarter 2002 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.

SITE LOCATION FREQUENCY DATE SAMPLED
B12 Hardscrabble Upper Quarterly Dry, 5/28/2003
B11 Hardscrabble Lower Quarterly Dry, 5/28/2003
B28 Sowbelly Upper Quarterly Dry, 6/03/2003
B45 Sowbelly Lower Quarterly Dry, 6/03/2003

13. Revegetation

At the #1 Adit, Fourwing saltbush, Western wheatgrass, and Blueleaf aster are well established. The vegetation at the Hardscrabble and Sowbelly sites is doing well in spite of several years of low precipitation.

18. Support Facilities, Utility Installations

The power lines and poles from the #1 adit to Hardscrabble and Sowbelly have been removed. The cable is being wound on spools and the poles removed by helicopter. Minor clean up needs to be completed.

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.