



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:	
OGM	Jerriann Ernstsens Environmental Scientist II
Company	Dennis Ware Controller

Inspection Report

Permit Number:	C0070004
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, March 29, 2005
Start Date/Time:	3/29/2005 1:30:00 AM
End Date/Time:	3/29/2005 4:00:00 PM
Last Inspection:	Thursday, March 03, 2005

Inspector: Jerriann Ernstsens, Environmental Scientist II

Weather: Sunny 55 degrees

InspectionID Report Number: 575

Accepted by: pgrubaug
 4/6/2005

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, Division Orders, and amendments:

The purpose of this site visit was to conduct a complete inspection of the Castle Gate facilities. The Adit and Hardscrabble were accessible. Sowbelly had too much ice, snow, and mud on the road to reach this site.

No compliance issues were noted.

Inspector's Signature _____

Date Tuesday, April 05, 2005

Jerriann Ernstsens, Environmental Scientist II
 Inspector ID Number: 52

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



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, 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 permittee submitted the responses (on Jan. 31, 05) to the TA concerning phase one bond release for the substations in Hardscrabble and Sowbelly canyons. On December 16, DOGM sent the deficiency letter and TA. Response is due by 3/1/05. The permit was renewed December 24, 2004 and is current through December 2009.

2. Signs and Markers

Signs containing the required information were posted at access points to the reclaimed area at the Adit and Hardscrabble. Did not look for signs at Sowbelly.

4.a Hydrologic Balance: Diversions

Hardscrabble: None of the man-made channels were flowing. South West facing slopes were void of snow, but very wet. North facing slopes are still snow covered.

Adit: Channel was flowing (~1-5 gal/min), most of channel was not snow covered. South and north facing slopes were void of snow, but very wet.

4.c Hydrologic Balance: Other Sediment Control Measures

Surface roughening, vegetation, diversions, and water bars are the sediment controls for the reclaimed areas. At the Adit, fabric helps control erosion. The gouges are settling at Adit and Hardscrabble.

4.d Hydrologic Balance: Water Monitoring

Water monitoring for the first quarter of 2005 was completed on March 15, 2005. All locations were dry, sites B11, 12, 28, and 45.

8. Noncoal Waste

No signs of significant noncoal waste at Adit or Hardscrabble.

9. Protection of Fish, Wildlife and Related Environmental Issues

Hardscrabble: on the road there were signs of deer, elk, and small mammals. Flocks of junkos were present. Signs of cow or horse.

Adit: no new signs of deer near the road. Did not enter the site because too wet.

10. Slides and Other Damage

Hardscrabble: no significant signs that the interfaces of reclaimed-natural areas on steep slopes had recently sluffed.

Adit: there were two depressions/holes about the size of a basketball that seem to be eroding from under the depressions. Difficult to see how far down the depressions are. They did not appear to be caused from hooves. These depressions are about 50' west of the road and southeast of the culvert. Jerriann should monitor these sites over time.

13. Revegetation

Hardscrabble: bunch grasses are beginning to green-up. No marked signs of bud swell.

Adit: no signs of new growth on south facing slope. Did not enter the site because soil was too soft.

14. Subsidence Control

Joe Helfrich had mentioned that there was an area that had subsided in Sowbelly. Jerriann asked Dennis whether subsiding was still a concern and he said that subsidence monitoring had ceased long ago and that there should be no issue.

16.a Roads: Construction, Maintenance, Surfacing

Hardscrabble: insignificant ruts on road caused from ATV use.

16.b Roads: Drainage Controls

Hardscrabble: Road is still wet and ponding in some areas.

21. Bonding and Insurance

The surety bond (#104329369) is currently set at 680,154.00 and Certification of Insurance is in effect until all of the Permittee's reclamation obligations have been met...under the rules of SMCRA.