



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Representatives Present During the Inspection:

OGM Jerriann Ernstsens Environmental Scientist II

Inspection Report

Table with 2 columns: Field (Permit Number, Inspection Type, etc.) and Value (C0070004, PARTIAL, etc.)

Inspector: Jerriann Ernstsens, Environmental Scientist II

Weather: sunny, 45 degrees

InspectionID Report Number: 838

Accepted by: pgrubaug
1/20/2006

Permitee: 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: RECLAIMED

Current Acreages

Table with 2 columns: Acreage and Category (Total Permitted, Total Disturbed, Phase I, Phase II, Phase III)

Mineral Ownership

- Checked boxes for Federal, State, County, Fee; Unchecked for Other

Types of Operations

- Checked boxes for Underground, Surface, Loadout; Unchecked for 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 partial inspection of the Castle Gate facilities. This inspection was marginal because of snow cover. Road to Hardscrabble was inaccessible. Did not attempt Sowbelly. Adit was snow covered.

Inspector's Signature:

Date Wednesday, January 18, 2006

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

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

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.

**4.a Hydrologic Balance: Diversions**

Adit: Flow was not determined because channel was covered with ice and snow.

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

Castle Gate monitors every quarter: 1st Jan-Mar, 2nd Apr-Jun, 3rd Jul-Sep, 4th Oct-Dec. Reports are due at the end of the following quarter.

**8. Noncoal Waste**

Adit: Highway litter was not significant along the road side.

**9. Protection of Fish, Wildlife and Related Environmental Issues**

Adit: no recent signs of wildlife near the pull off.

**10. Slides and Other Damage**

Adit: no signs of sloughing from the road. Too much snow, did not evaluate the sink hole.

**13. Revegetation**

NOTE whether flower heads of grasses, herbs, and shrubs are still identifiable to the species level. There had been a weak claim that surveys could be done during seasons other than during the growing season.

Adit & Hardscrabble road: Observed the veg to see veg "development" as the winter proceeds. Snow covered all north facing exposures and snow covered more than half the ground on the south facing exposure along the lower road to Hardscrabble. Snow covered all areas at the Adit. For the south facing exposure along the road for Hardscrabble, certain grass heads remained (cheat, indian rice, great basin wr), other grass head were degraded to a level that they were undistinguishable. Where ground was visible, cryptogams, rock/gravel, and prickly pear were undistinguishable. Small deciduous shrubs were difficult to identify even though some species had skeletal, floral or sepal remains. I could see that I could easily cause significant soil erosion if I had been conducting a survey.

**16.a Roads: Construction, Maintenance, Surfacing**

Adit: pull off was mostly frozen with little mud.  
Hardscrabble: road was only accessible for less than 500'.

Permit Number: C0070004  
Inspection Type: PARTIAL  
Inspection Date: Tuesday, January 17, 2006

**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 R645.