



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

Table with 2 columns: Category and Name/Title. Includes representatives like Dennis Ware, Steven Fluke, Priscilla Burton, Wayne Western, Pamela Grubaugh-Littig, Rex Sacco, and Sue Berger.

Inspection Report

Table with 2 columns: Field and Value. Includes Permit Number (C0070004), Inspection Type (BOND RELEASE), Inspection Date, Start/End Date/Time, and Last Inspection.

Inspector: Wayne Western, Environmental Scientist III

Weather: Mild with clear to partly cloudy skies

InspectionID Report Number: 739

Accepted by: pgrubaug
12/15/2005

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: RECLAIMED

Summary table with 3 columns: Current Acreages, Mineral Ownership, and Types of Operations. Includes checkboxes for Federal, State, County, Fee, Other, Underground, Surface, Loadout, Processing, and Reprocessing.

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

Phase I Bond release on the Hardscrabble Canyon substation area - 0.78 acre site. Reclaimed in 2002. The Division found that the site met the minimum requirements for Phase I Bond release. The BLM also agreed that the site should receive Phase I Bond release.

The rest of Hardscrabble could achieve Phase III bond release in 2008.

Inspector's Signature _____ Date Tuesday, October 11, 2005

Wayne Western, Environmental Scientist III
Inspector ID Number: 42

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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 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 Issues	<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 type="checkbox"/>	<input type="checkbox"/>	<input 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.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 checked="" type="checkbox"/>	<input 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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Topsoil

In the fall of 2003, the slopes of the substation pad and road access were used for substitute topsoil. The site was graded and pocked. This fall (2005), vegetation was vigorous and there were no signs of erosion from the site.

4.a Hydrologic Balance: Diversions

Diversions for the substation reclamation include approximately 100 ft. of reclaimed stream channel HCRD-12 and the swale crossing of the access road over the channel. The diversions appeared to be constructed as designed and presented in the MRP and were all in good condition and stable.

12. Backfilling And Grading

Final Surface Configuration: The Permittee met the minimum requirements for restoring the site to the general surface configuration of the land before mining. The R645 – Rules do not require that the site be returned to the original contours rather that the site resembles the general surface configuration of the surrounding area. The reclaimed slopes as similar in length and grade to those in the surrounding area.

Spoil Piles Elimination: No spoil piles exist on site.

Highwalls Elimination: No highwalls exist on site.

Postmining Land Use: The postmining land use is wildlife habitat. The site is vegetated and appeared to the Division to support wildlife habitat. Long Term Static Safety Factor of 1.3: The site appears stable.

Prevent Slides: The reclaim slopes appeared to be stable.

Minimize Erosion and Water Pollution Both on and off the Site: The reclaimed area was pocked and vegetated. The Division found that erosion was minimized because there were no rills or gullies formed.

13. Revegetation

Winterfat, rabbit brush, silver sage, fourwing saltbush, penstamen, Indian ricegrass, yarrow and blue flax (all either blooming or in seed) were noted at the substation reclaimed site. Some cow droppings were noted. Mr. Rex Sacco (Carbon County Planner), explained that there were 41 head of his personal cattle in the canyon during the middle of May. Mr. Sacco has an historical access right through the canyon to drive his cattle to the Crandall Canyon grazing allotment on BLM land above the reclaimed area. Mr. Sacco stated that six cows were loose at the Hardscrabble reclaim area. These strays were picked up on June 6. There was a discussion about how cattle could bring in weed seed. PMC does weed control in the area and wants to be careful about it, especially with the revegetation requirements for bond release. Mr. Sacco explained to the group that he will keep the cows on the road and keep them moving in the future. Mr. Sacco committed to talk to Dennis Ware in April 2006, prior to trailing the cattle next year. Mr. Ware requested that Mr. Sacco not bring in a water tank.

16.a Roads: Construction, Maintenance, Surfacing

The road was left at Hardscrabble as part of the postmining landuse for access up the canyon.