

0-007



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

007

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## INSPECTION REPORT

Partial: \_\_\_\_\_ Complete: XXX Exploration: \_\_\_\_\_  
Inspection Date & Time: 03/21/2001 / 10:00 am to 4:00 pm  
Date of Last Inspection: 02/28/2001

Mine Name: Castle Gate Mine County: Carbon Permit Number: C/007/004  
Permittee and/or Operator's Name: Castle Gate Holding Company  
Business Address: 847 Northwest Highway 191, Helper, Utah 84526  
Type of Mining Activity: Underground XXX Surface \_\_\_\_\_ Prep. Plant \_\_\_\_\_ Other \_\_\_\_\_  
Company Official(s): Vicky Miller  
State Official(s): Joe Helfrich Federal Official(s): \_\_\_\_\_  
Weather Conditions: clear, sunny, 55  
Existing Acreage: Permitted 7619 Disturbed 63 Regraded 60 Seeded 60  
Status: Active Reclamation XXX

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
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. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. 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 type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 <sup>th</sup> Quarter- April, May, June)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**INSPECTION REPORT**  
(Continuation sheet)

PERMIT NUMBER: C/007/004

DATE OF INSPECTION: 03/21/2001

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

**1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE**

The purpose of this visit was to conduct a complete inspection of the Castle Gate facilities. The permit was renewed December 24, 1999.

**2. SIGNS AND MARKERS**

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

**4A. HYDROLOGIC BALANCE: DIVERSIONS**

The sediment control structures were in good repair and were functioning properly. There was approximately 8-10 inches of snow covering some the reclaimed areas in Sowbelly and Hardscrabble canyons. The snow is beginning to melt and the road to Sowbelly was too muddy to gain access to the site.

**4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

There is only one sediment pond for the Castle Gate facility located at the #1 Adit. The pond was inspected for the fourth quarter of 2000 on 10/02/2000. At that time the pond was reported as being stable, showing no hazards or signs of erosion. The pond was also reported as being dry. During this inspection the pond and associated structures were in good repair and functioning properly. There was approximately 8"-12" of water in the pond.

**4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES**

Surface roughening, vegetation, diversions, and water bars are the sediment controls for the Hardscrabble and Sowbelly reclaimed sites. Snow melt is just getting started. Vicky and Johnny planned to attempt to get samples from these sites in the next day or so.

**4D. HYDROLOGIC BALANCE: WATER MONITORING**

**INSPECTION REPORT**

(Continuation sheet)

PERMIT NUMBER: C/007/004DATE OF INSPECTION: 03/21/2001

The fourth quarter 2000 monitoring data, (entered electronically) was reviewed. Hard copies of the data for sites BM-30, BM-31, and B-32 were reviewed. Sites B11, 12, 28, and 45 were reported as dry.

<i>SITE</i>	<i>LOCATION</i>	<i>FREQUENCY</i>	<i>DATE SAMPLED</i>
<i>B12</i>	<i>Hardscrabble Upper</i>	<i>Quarterly</i>	<i>Dry, 12/30</i>
<i>B11</i>	<i>Hardscrabble Lower</i>	<i>Quarterly</i>	<i>Dry, 12/30</i>
<i>B28</i>	<i>Sowbelly Upper</i>	<i>Quarterly</i>	<i>Dry, 12/30</i>
<i>B45</i>	<i>Sowbelly Lower</i>	<i>Quarterly</i>	<i>Dry, 12/30</i>
<i>BM30</i>	<i>#1 Adit Mine discharge</i>	<i>Quarterly</i>	<i>11/28</i>
<i>BM31</i>	<i>Old Portal near Mutual Spring</i>	<i>Quarterly</i>	<i>Inaccessible</i>
<i>B32</i>	<i>Gravel Springs</i>	<i>Quarterly</i>	<i>12/30</i>
<i>020</i>	<i>Castle Gate Adit Sed Pond</i>	<i>Monthly</i>	<i>10,11,12</i>

The letter for accepting data into the database was submitted to the Division February 19, 2001. A copy of that letter is provided with this report.

**4E. HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS**

The DMRs at the #1 adit indicated no discharge for October, November, and December 2000.

**21. BONDING AND INSURANCE**

The surety bond is currently set at \$601,333.00 and the Certificate of Insurance is current through June 30, 2001.

Inspector's Signature: \_\_\_\_\_

*Joseph C. Helfrich #1*  
Joseph C. Helfrich #1

Date: March 23, 2001

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

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cc: James Fulton, OSM  
Johnny Pappas, Castle Gate Holding  
Price Field office

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