



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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Executive Director  
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Division Director

*DRZ OK*

## INSPECTION REPORT

Partial  Complete XXX Exploration   
Inspection Date: 12/11/2002 / Time: 9:00 AM to 4:00 PM  
Date of Last Inspection: 11/26/2002

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  
Company Official(s): Johnny Pappas  
State Official(s): Joe Helfrich, Dana Dean, Jerriann Ernsten Federal Official(s): None  
Weather Conditions: 30's, sunny  
Type of Mining Activity: Underground XXX Surface Prep Plant Other  
Existing Acreage: Permitted 7619 Disturbed 63 Regraded        Seeded         
Status: Active Reclamation XXX

### 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 N/A.
  - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing 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	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:	<input checked="" type="checkbox"/>			
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 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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. AIR QUALITY PERMIT (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"/>

*Utah*  
Where views count

**INSPECTION REPORT**  
(Continuation Sheet)

PERMIT NUMBER: C/007/004

DATE OF INSPECTION: 12/11/2002

(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. Phase II bond release amendments for Hardscrabble and Sowbelly were received 05/10/2002. The Phase II bond release inspection was conducted on August 22, 2002. Deficiencies were "E" mailed to Johnny on 09/10/2002 and a response was received on November 15, 2002, the review is due December 20, 2002.

**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 at the Castle Gate facilities.

**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 third quarter of 2002 on 09/12/2002. The pond was reported as being stable, showing no hazards or signs of erosion. There was no water in the pond as it has been reclaimed. The primary sediment control is surface roughening.

**4C. 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 for phase II bond release. The sediment control measures were functioning adequately at the time of this inspection.

**INSPECTION REPORT**  
(Continuation Sheet)

PERMIT NUMBER: C/007/004

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**4D. 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.

<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,</i> <i>3/22,6/6,8/22,12/11/2002</i>
<i>B11</i>	<i>Hardscrabble Lower</i>	<i>Quarterly</i>	<i>Dry, 3/22,6/6,8/22,</i> <i>12/11/2002</i>
<i>B28</i>	<i>Sowbelly Upper</i>	<i>Quarterly</i>	<i>Dry, 3/22,6/6,8/22,</i> <i>12/11/2002</i>
<i>B45</i>	<i>Sowbelly Lower</i>	<i>Quarterly</i>	<i>Dry, 3/22,6/6,8/22,</i> <i>12/11/2002</i>
<i>020</i>	<i>Castle Gate Adit Sed Pond</i>	<i>Monthly</i>	<i>01,02,03,04,05,06,07,08,</i> <i>09,10,11 no discharge,</i> <i>12 pond removed</i>

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

The DMRs at the #1 adit indicated no discharge for September, October, and November 2002. The adit and sediment pond were reclaimed in December eliminating the DMR discharge monitoring point.

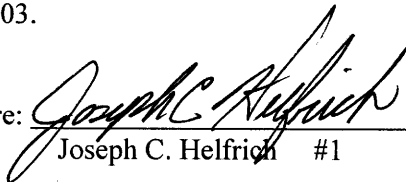
**12. BACKFILLING AND GRADING**

The #1 Adit and substations located in Hardscrabble and Sowbelly canyons have been reclaimed. Hydro seeding and mulching will be completed at the Adit during the week of December 16, 2002.

**21. BONDING AND INSURANCE**

The surety bond is currently set at \$601,333.00 and the Certificate of Insurance is current through June 30, 2003.

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

  
Joseph C. Helfrich #1

Date: January 6, 2003

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

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