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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## INSPECTION REPORT

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

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PO Box 145801  
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801-538-5340  
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Partial: \_\_\_\_\_ Complete: XXX Exploration: \_\_\_\_\_  
Inspection Date & Time: 9/20/2000 / 10:00a.m.-5:00p.m.  
Date of Last Inspection: 8/31/2000

Mine Name: Castle Gate Mine County: Carbon Permit Number: ACT/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, Johnny Pappas, Johnnie Green Federal Official(s): None  
State Official(s): Joe Helfrich, Susan White, Bob Davidson, Wayne Western, and Paul Baker  
Weather Conditions: Sunny, 75  
Existing Acreage: Permitted 7619 Disturbed 63 Regraded 60 Seeded 60  
Status: Exploration \_\_\_\_\_ Active \_\_\_\_\_ Inactive \_\_\_\_\_ Temporary Cessation \_\_\_\_\_ Bond Forfeiture \_\_\_\_\_  
Reclamation (Phase I XXX Phase II \_\_\_\_\_ Final Bond Release \_\_\_\_\_ Liability \_\_\_\_\_ Year \_\_\_\_\_)

### 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 type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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: ACT/007/004

DATE OF INSPECTION: 9/20/2000

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

**General Comments**

The purpose of this visit was to: 1) conduct a phase one bond release inspection at the Hardscrabble reclaimed area, and 2) continue with a complete inspection of the remaining Castle Gate facilities.

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

The permit is in force through December 24, 2004. There are two amendments pending; an application for phase one bond release #BR00B received 07/03/00, and a change in officers and directors #LF00C received 07/06/00. Lead reviewers are Pam Grubaugh-Littig and Paul Baker.

**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.

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

The second 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. The DMRs at the #1 adit indicated no discharge for April, May, June, and July.

<i>SITE</i>	<i>LOCATION</i>	<i>FREQUENCY</i>	<i>DATE SAMPLED</i>
<i>B12</i>	<i>Hardscrabble Upper</i>	<i>Quarterly</i>	<i>5/31,6/29</i>
<i>B11</i>	<i>Hardscrabble Lower</i>	<i>Quarterly</i>	<i>5/31,6/29</i>
<i>B28</i>	<i>Sowbelly Upper</i>	<i>Quarterly</i>	<i>5/31,6/29</i>
<i>B45</i>	<i>Sowbelly Lower</i>	<i>Quarterly</i>	<i>5/31,6/29</i>
<i>BM30</i>	<i>#1 Adit Mine discharge</i>	<i>Quarterly</i>	<i>6/16</i>
<i>BM31</i>	<i>Old Portal near Mutual Spring</i>	<i>Quarterly</i>	<i>6/16</i>
<i>B32</i>	<i>Gravel Springs</i>	<i>Quarterly</i>	<i>6/16</i>
<i>020</i>	<i>Castle Gate Adit Sed Pond</i>	<i>Monthly</i>	<i>4,5,6,7</i>

INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: ACT/007/004

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21. BONDING AND INSURANCE

The surety bond is currently set at \$1,804,000 and the Certificate of Insurance is current through June 30, 2001. A phase one bond release inspection was conducted concurrently with this inspection for the Hardscrabble location. A preliminary bond release inspection was also conducted on July 29, 2000. Backfilling and grading, as well as seeding, had been completed as required. Contours and cross sections of drainage channels as reflected in the as-builts matched the current site configurations.

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

  
Joseph C. Helfrich #1

Date: September 28, 2000

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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