

0011



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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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Salt Lake City, Utah 84180-1203  
801-538-5340

## INSPECTION REPORT

INSPECTION DATE & TIME: January 24, 1990  
9:30 a.m. to 3:00 p.m.

Permittee and/or Operators Name: Castle Gate Coal Company  
Business Address: P.O. Box 449  
Mine Name: Price River Complex Permit Number: ACT/007/004  
Type of Mining Activity: Underground  Surface  Other   
County: Carbon  
Company Official (s): Bob Evans and Bob Gossman  
State Official(s): Harold G. Sandbeck  
Partial:  Complete:  Date of Last Inspection: 12/18/89  
Weather Conditions: Clear and cold  
Acreage: Permitted 8510 Disturbed 130 Regraded 6.5 Seeded 6.5 Bonded 130  
Enforcement Action: None

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. SURFACE AND GROUNDWATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL PROCESSING WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 VALUES	<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS				
a. CONSTRUCTION	<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"/>
c. SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. MAINTENANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input 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"/>

PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION 1/24/90

(Comments are Numbered to Correspond with Topics Listed Above)

General Comments:

Tom McKenna terminated his employment with Castle Gate Coal Company. Bob Evans and Bob Gossman are responsible for managing the day to day activities of the mine site. Castle Gate Coal Company has hired the services of Mel Coonrod to conduct water monitoring and to conduct environmental mine inspections. During this complete inspection, Bob Gossman accompanied the undersigned inspector. Ground conditions were frozen with about 6 to 10 inches of snow accumulation at all the Castle Gate Coal Company sites.

1. Permits.

N89-27-10-7

The violation was issued on November 17, 1989. All parts of the violation have been terminated as of January 12, 1990.

Suspension of Operations

On June 5, 1989, Castle Gate Coal Company temporarily suspended operations. No mining activity was observed at the mine site.

Five (5) Year Permit Renewal

On January 29, 1990, Bob Evans informed (phone conversation) the undersigned inspector that the permitting status of the access road leading into the leach field at Crandall Canyon will be submitted with the first 5-year submittal due on May 1, 1990. The operator needs to clarify ownership, maintenance and disturbed status on applicable maps and narrative.

2. Signs and Markers.

The Ten-Day Notice X-89-02-107-11-TV-4, 2 of 4 was received by the Division on November 30, 1989. Following is TDN 2 of 4:

2 of 4: "Failure to mark the perimeter of all areas on the insides of the undisturbed diversions at Hardscrabble Canyon number 4 mine, Sowbelly Canyon diversions, and water tank road; Crandall Shaft Facility substation cut slopes".

During this inspection, it appears that some of the disturbed markers may need to be repositioned. The markers will be repositioned in the spring of 1990 as soon as the ground thaws.

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4. Hydrologic Balance:

b. Diversions.

Preparation Plant

The ditch west of the treatment plant along the access road requires maintenance near the culvert inlet. The ditch is currently functioning as designed and is minimizing erosion as required by UMC 817.45.

c. Sediment Ponds and Impoundments.

NPDES Discharge Reports

The 1989 4th quarter reports indicated no discharge. No problems were noted.

Pond Inspection Reports

The 1989 4th quarter reports (quarterly and weekly) were checked which included the raw water impoundment. No problems were noted.

Pond 13 Annual Certification

The annual certification had been done on January 16, 1989. The operator was informed to do the 1990 annual certification.

e. Surface and Groundwater Monitoring.

The surface and groundwater records were checked for the 3rd and 4th quarters of 1989. No problems were noted.

The permit requires sampling for trace metals every two years. The operator had conducted trace metals sampling for 1988. Sampling for trace metals will need to be conducted again in 1990. Following is a list of the trace metals to sample:

- \* Arsenic
- \* Barium
- \* Boron
- \* Cadmium
- \* Lead
- \* Manganese
- \* Selenium
- \* Silver

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(continuation sheet)

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7. Coal Processing Waste.

The annual certification had been done on January 16, 1989. The operator was informed to do the 1990 annual certification.

The 1989 4th quarter report was checked. The inspecting engineer forgot to certify (PE stamp) the report. The operator was informed to correct this oversight. No other problems were noted.

Copy of this Report:

Mailed to: Bob Evans (CGCC), Price Office and Brian Smith (OSM)

Given to: Sue Linner and Joe Helfrich - DOGM

Inspectors Signature and Number: *Harold J. Hamilton* #27 Date: 1/31/90