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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

INSPECTION DATE & TIME: April 3 & 4, 1990
1:45 pm to 5:00 pm and 1:30 pm to 6:00 pm

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 Mel Coonrod
State Official(s): Harold G. Sandbeck
Partial: Complete: Date of Last Inspection: 3/23/90
Weather Conditions: Clear and warm
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	(XX)	()	()	(XX)
2. SIGNS AND MARKERS	(XX)	()	()	(XX)
3. TOPSOIL	(XX)	()	()	(XX)
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(XX)	()	()	()
b. DIVERSIONS	(XX)	()	()	()
c. SEDIMENT PONDS AND IMPOUNDMENTS	(XX)	()	()	(XX)
d. OTHER SEDIMENT CONTROL MEASURES	(XX)	()	()	(XX)
e. SURFACE AND GROUNDWATER MONITORING	(XX)	()	()	(XX)
f. EFFLUENT LIMITATIONS	(XX)	()	()	()
5. EXPLOSIVES	(XX)	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	(XX)	()	()	()
7. COAL PROCESSING WASTE	(XX)	()	()	(XX)
8. NONCOAL WASTE	(XX)	()	()	()
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(XX)	()	()	()
10. SLIDES AND OTHER DAMAGE	(XX)	()	()	()
11. CONTEMPORANEOUS RECLAMATION	(XX)	()	()	()
12. BACKFILLING AND GRADING	(XX)	()	()	()
13. REVEGETATION	(XX)	()	()	()
14. SUBSIDENCE CONTROL	(XX)	()	()	()
15. CESSATION OF OPERATIONS	(XX)	()	()	()
16. ROADS				
a. CONSTRUCTION	(XX)	()	()	()
b. DRAINAGE CONTROLS	(XX)	()	()	()
c. SURFACING	(XX)	()	()	()
d. MAINTENANCE	(XX)	()	()	()
17. OTHER TRANSPORTATION FACILITIES	(XX)	()	()	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(XX)	()	()	()

PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION 4/3 & 4/90

(Comments are Numbered to Correspond with Topics Listed Above)

General Comments:

Mei Coonrod accompanied the undersigned inspector on this complete inspection. Ground conditions were mostly dry.

1. Permits.

Suspension of Operations

On June 5, 1989, Castle Gate Coal Company temporarily suspended operations. No mining activity was observed during the inspection.

Five (5) Year Permit Renewal Concern

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".

The operator was informed to reposition some of the disturbed markers at Crandall Canyon.

3. Topsoil.

Crandall Canyon Leach Field

The topsoil pile at the Crandall Canyon leach field requires berm maintenance. Presently, the berm is functioning as designed and has sufficient height to prevent a short-circuit from developing this season.

The operator requested that Lynn Kunzler (Division Biologist) visit the leach field to inspect the adequacy of the vegetation cover on the topsoil pile and the immediate area of the reclaimed leach field. The operator is requesting that the topsoil berms no longer be maintained because of the adequate cover of vegetation.

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4. Hydrologic Balance:

c. Sediment Ponds and Impoundments.

Pond Inspection Reports

The 1990 1st quarter reports (quarterly and weekly) were checked which included the raw water impoundment. No problems were noted.

Pond 13 Annual Certification

The annual certification was done on February 6, 1990.

d. Other Sediment Control Measures.

Hardscrabble Canyon

The operator was informed that additional measures may be necessary to control the rill erosion (1 inch in depth) in this canyon. Presently, strawbales are in place and appear to be functioning properly.

The operator has placed riprap at the outlets of the two tipple culverts. However to cut down on the repeated maintenance repairs to the culvert outlets, the operator may culvert the tipple culvert outlets to the base of the highwall slope.

Sowbelly Canyon

The operator was informed to maintain the berms before a short-circuiting problem develops. Presently, the berm is functioning as designed and has sufficient height to prevent a short-circuit from developing this season.

e. Surface and Groundwater Monitoring.

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 was done on February 6, 1989.

The 1990 1st 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)

Mailed to: Mel Coonrod (Operator's Contractor)

Given to: Daron Haddock and Joe Helfrich - DOGM

Inspectors Signature and Number: *Harold J. Handley* #27 Date: 4/11/90