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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

RECEIVED
AUG 10 1990
Division of
OIL, GAS & MINING
JKH

PERMIT NO.: ACT 007/004
Inspection Date: July 25, 1990

Permittee and/or Operators Name: Castle Gate Coal Company
Business Address: P.O. Box 449
City: Helper State: Utah Zip: 84526
Mine Name: Price River Complex
County: Carbon State: Utah
Type of Mining Activity: Underground XX Surface Other
Company Official (s): Johnny Pappas and Bill Malencik
State Officials (s): Bob Evans and Mel Coonrod
Time of Inspection: 8:00 (X)a.m. () p.m. to 6:00 ()a.m. (X)p.m.
Partial Complete: XX Date of Last Inspection: June 15, 1990
Weather Conditions: Clear, wet and cool
Acreage: Permitted 8510 Disturbed 134.5 Regraded 6.5 Seeded 6.5
Bonded 134.5
Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(X)
2. SIGNS AND MARKERS	(X)	()	()	(X)
3. TOPSOIL	(X)	()	()	(X)
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(X)	()	()	()
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	(X)
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	(X)
f. EFFLUENT LIMITATIONS	(X)	()	()	()
5. EXPLOSIVES	()	()	(X)	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	(X)	()	()	()
7. COAL PROCESSING WASTE	(X)	()	()	(X)
8. NONCOAL WASTE	(X)	()	()	()
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	()	()	()
10. SLIDES AND OTHER DAMAGE	(X)	()	()	()
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	()
12. BACKFILLING AND GRADING	(X)	()	()	()
13. REVEGETATION	(X)	()	()	()
14. SUBSIDENCE CONTROL	(X)	()	()	()
15. CESSATION OF OPERATIONS	(X)	()	()	()
16. ROADS				
a. CONSTRUCTION	(X)	()	()	()
b. DRAINAGE CONTROLS	(X)	()	()	(X)
c. SURFACING	(X)	()	()	()
d. MAINTENANCE	(X)	()	()	()
17. OTHER TRANSPORTATION FACILITIES	(X)	()	()	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(X)	()	()	()

INSPECTION REPORT COMMENTS
(continuation sheet)

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(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL COMMENTS:

Mel Coonrod accompanied us with this complete inspection.

1. PERMITS:

On June 5, 1989, Castle Gate Coal Company temporarily suspended operations and the operator provided proper written notification to the Division.

A permit extension for one (1) year was granted on December 11, 1989 and is in effect until December 24, 1990. The final text/maps were submitted on July 16, 1990.

The current certificate of Liability Insurance is for the period of April 1, 1990 to April 1, 1991. The bonding for 134.5 acres is for \$2,683,603 and in addition with the renewal the Division is requiring the completion of the reclamation agreement in connection with the permit renewal.

2. SIGNS AND MARKERS:

All signs were current and up to date.

The operator was asked to install more perimeter markers of uniform design to distinguish the disturbed from the undisturbed areas at the following sites: Hardscrabble Canyon, Sowbelly Canyon, Crandall Canyon and the Preparation Plant.

3. TOPSOIL:

The operator is awaiting a formal decision from Lynn Kunzler (Division Biologist) on the adequacy of the vegetation cover on the topsoil pile and the immediate area of the reclaimed leach field. The operator previously requested that the topsoil and leach field berm no longer be maintained because of the adequate cover of vegetation.

INSPECTION REPORT COMMENTS
(continuation sheet)

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4. HYDROLOGIC BALANCE:

4b. DIVERSIONS:

Hardscrabble Canyon

The diversion ditch behind the maintenance bathhouse needs to be redefined.

Outlets to culverts by the tipple highwall need additional protection so that additional efforts can be directed to minimize minor erosion.

Rocks in the undisturbed diversion ditch below the parking lot need to be removed. Presently the ditch is functioning as designed.

Sowbelly Canyon

The operator was informed to do some preventative maintenance on the undisturbed diversion ditches. This maintenance will involve: berm reinforcement, cleaning and other measures necessary to prevent the possibility of short-circuiting from developing.

Preparation Plant

The operator has taken measures to reduce erosion along the inlet ditch to sediment Pond #12. I advised the operator to take some additional measures to minimize any further erosion.

4c. SEDIMENT PONDS AND IMPOUNDMENTS:

Pond Inspection Reports

All pond inspections are current with no problems noted.

Pond 13 Annual Certification

The annual certification was done on February 6, 1990.

INSPECTION REPORT COMMENTS
(continuation sheet)

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4d. OTHER SEDIMENT CONTROL MEASURES:

Hardscrabble Canyon

The operator was informed that additional riprap may be necessary to control the erosion at Goose Island.

Sowbelly Canyon

To control rill erosion on the outslope of the pads the operator was advised to build up the berms and do any necessary blading on the roadways.

Crandall Canyon

The operator was advised to install new silt fences with adequate length to prevent any short-circuiting that might occur. Presently the silt fences are functioning properly, but by extending the fences it will provide greater runoff holding capacity and perhaps reduce clean out frequency.

4e. SURFACE AND GROUND WATER MONITORING:

The 1990 Second Quarter samples were taken and all the necessary parameters were analyzed.

Sampling for trace metals still need to be conducted for 1990. Following is a list of the trace metals to sample: Arsenic, Barium, Boron, Cadmium, Lead, Manganese, Selenium, Silver.

7. COAL PROCESSING WASTE:

The annual certification was done on February 6, 1990.

The 1990 Second Quarter certified inspection report was checked and no problems were noted.

INSPECTION REPORT COMMENTS
(continuation sheet)

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16. ROADS:

b. DRAINAGE CONTROLS:

Preparation Plant

The drainage control along the refuse pile road could use some minor maintenance. At this time it is operating properly.

Copy of report:

Mailed to: Bob Evans (CGCC)

Mailed to SLC for: Brian Smith (OSM) Joe Helfrich (DOGM)

Filed to: PFO

Inspectors Signature and Number: *Johnny Pappas* #37 Date: 8/6/90