



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

File

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

INSPECTION REPORT

INSPECTION DATE & TIME: 9/17, 18, 26/86
10:25-5:00, 8:30-3:20, 7:30-1:20

Permittee and/or Operators Name: Castle Gate Coal Company (CGCC)
Business Address: P.O. Box 449 Helper, Utah 84526
Mine Name: Price River Complex Permit Number: ACT/007/004
Type of Mining Activity: Underground Surface Other
County: Carbon
Company Official (s): Richard Allison
State Official(s): Dave Cline, Dave Lof, and Dan Duce
Partial: Complete: Date of Last Inspection: August 13, 1986
Weather Conditions: 9/17, 18 - Cloudy, w/showers 9/26 - warm and clear
Acreage: Permitted 8,510 Disturbed 130 Regraded 6.5 Seeded 6.5 Bonded 130
Enforcement Action: NOV-N86-4-11-1 and NOV-N86-4-13-2 issued 9/30/86

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(X)
2. SIGNS AND MARKERS	(X)	()	()	()
3. TOPSOIL	(X)	()	()	()
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(X)	()	()	(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)	()	()	(X)
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	()	()	()
10. SLIDES AND OTHER DAMAGE	()	()	(X)	()
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	(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 AND UTILITY INSTALLATIONS	(X)	()	()	(X)

INSPECTION REPORT
(continuation sheet)

Page 2 of 5

PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION 9/17,18,26/86

(Comments are Numbered to Correspond with Topics Listed Above)

1. Permits The operator was asked for State Health approvals for Sediment Ponds 03, 04, and 05 in Sowbelly Gulch, 07, 08, and 09 in Hardscrabble Canyon and 014 and 015 in Crandall Canyon. UMC 782.19 requires that the permit contain the decision made and the date of approval of the issuing authority (State Health). Mr. Allison was notified that approvals for all of the above mentioned sediment ponds must be made available by the next inspection. Additional comments concerning the sediment ponds are included under 4(c) of this report.

4(a). Stream Channel Diversions

Hardscrabble The operator was required to submit as-built designs and calculations for Diversion D-6 by 9/19/86 in order to demonstrate that the diversion can safely pass the design event. These plans were submitted to the Division on 9/23/86 and are currently being reviewed for adequacy. A determination of the adequacy of the plans will be made by the Division and the operator will be notified if enforcement action is necessary.

Sowbelly Diversion D-1 is not constructed according to the approved plan in several locations along the length of the diversion. The approved plan calls for a bottom width of eight feet with side slopes of 1:1. The channel is considerably narrower than the approved eight feet in several locations. Mr. Allison was given a deadline date of 10/1/86 to reconstruct the diversion channel as approved.

Crandall Canyon The main channel diversion is in good condition along it's entire length.

4(b). Diversions

Hardscrabble Undisturbed and disturbed area runoff in the vicinity of the fan portal from watershed HC-19 (0.2 acres) is not being diverted away from the portal and is being allowed to enter the portal. Mr. Allison was given a deadline of 30 days to submit a modification to the MRP for approval to discharge into an underground mine (UMC 817.55). Mr. Allison was also told that he must clean Diversion D-3 near the top where material has sloughed in, cleanout and armor D-3 below Culvert C-3, and rip rap the left side of Culvert C-2 inlet by 10/10/86.

Castlegate NOV N86-4-13-2, #1 of 2 was issued on 9/30/86 for failure to maintain sediment controls. Specifically, the violation was written because Diversion D-4 and Culvert C-4 and the refuse haul road have not been maintained and the disturbed area runoff was not being diverted to the appropriate sediment control structure. Runoff from the refuse haul road is supposed to be diverted by means of a cross culvert into the Refuse Pile Pond.

Copy of this Report:

Mailed to: Donna Griffen-OSM Richard Allison- Castlegate

Given to: Sue Linner, Joe Helfrich, and Dave Lof- DOGM

Inspectors Signature and Number: Darlf. Ch #14 Date: 10/30/86

INSPECTION REPORT
(continuation sheet)

Page 3 of 5

PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION 9/17,18,26/86

(Comments are Numbered to Correspond with Topics Listed Above)

4(b). continued

The inlet to this culvert was plugged and the runoff was continuing down the haul road and eventually into Pond 012. Additionally, undisturbed runoff from above the haul road is supposed to flow into Culvert C-4 and discharge into the undisturbed diversion for Barn Canyon. The inlet to Culvert C-4 has not been maintained and the runoff was going into Pond 012. This violation was vacated on 10/2/86 by Ken May, Associate Director.

4(c). Sediment Ponds and Impoundments

Crandall Canyon Mr. Allison was asked for design plans for Sediment Ponds 014 and 015. These plans could not be found in the Castlegate offices. He was told to have the design plans for these two ponds available for the next inspection. If plans can not be found in the Castlegate office or the Division offices, as-built drawings of the two ponds will be required to demonstrate compliance.

Sowbelly All three sediment ponds were inspected in Sowbelly Gulch. These three ponds are connected in series by a 18 inch CMP. Pond 003 is in good condition but the 18 inch CMP appears questionable as far as being able to pass the 25 year event. This design will be reviewed in the Division offices for adequacy. Pond 004 has no emergency spillway or oil skimmer. The inlet to the pond has eroded and Mr. Allison was told to rip rap the inlet to the pond by the next inspection. Pond 005 has only one spillway, over flow type, and has no oil skimmer installed. The inlet to the pond, the 18 inch CMP from Pond 004, is located at the same end as the overflow spillway and poses a potential for short circuiting.

Castlegate Between the mornings of 9/24 and 25/86, CGCC received a precipitation event slightly in excess of the 10yr 24hr event. Because Pond 011 and 012-B were empty, runoff from the storm brought the water level in the ponds up to just above the dewatering device crest. Between the mornings of 9/25 and 26/86, CGCC received an additional 0.2 inches of precipitation which did not appreciably change the water level in the ponds. When the ponds were inspected on the morning of 9/26/86 the dewatering device valves for the ponds were closed, however, they were leaking. The ponds were leaking less than 3 gallons per minute. Pond 011's discharge appeared to meet effluent limitations, however, Pond 012-B's would obviously not meet TSS standards. (Sample analysis later indicated Pond 011 at 102.2 mg/l TSS and Pond 012-B at 355.0 mg/l TSS). Because the ponds were not discharging through the designed structure and it did not appear that they would meet effluent limitations NOV N86-4-13-2, #2 of 2 was written on 9/30/86 for failure to prevent short circuiting to the extent possible. Abatement action required repairing the leaks by 10/10/86. On October 2, 1986 the violation was vacated by Ken May, Associate Director.

Inspectors Signature and Number: Dave P. #14 Date: 10/30/86

INSPECTION REPORT
(continuation sheet)

Page 4 of 5

PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION 9/17,18,26/86

(Comments are Numbered to Correspond with Topics Listed Above)

4(d). Other Sediment Control Measures

Castlegate Notice of Violation N86-4-11-1 was written onsite on 9/26/86 for failure to pass all disturbed area runoff through a treatment facility prior to leaving the permit area.

The location of the violation was immediately north of the train loadout where a berm had been intentionally breached allowing disturbed area runoff to leave the permit area. The abatement for this violation required repair of the breached berm by 3:00 pm on 9/26/86.

4(e) Surface and Ground Water Monitoring

NPDES Reports were checked and were available through the second quarter of 1986. However, the NPDES Report for station 020 indicated flow which was in compliance for the second quarter but the operator's records showed the same data for the first quarter and no flow in the second quarter.

Mr. Allison was told to have the lab reports for 020 for the first and second quarters of 1986 by the time of the next inspection. Surface water data was also available through the second quarter of 1986 except for station B-12 which is located in Hardscrabble Canyon above the mine area. Mr. Allison was told to have the water monitoring data for B-12 by the time of the next inspection.

7.) Coal Processing Waste

Water was standing on the coarse refuse pile in Schoolhouse Canyon due to the recent precipitation event. The surface of the refuse needs to be regraded to allow positive drainage. The refuse pile face is experiencing erosion in the form of rills and gullies. Mr. Allison was told that the rills and gullies on the face of the refuse pile must be backfilled and regraded this fall. Water was issuing from the face of the pile at a point approximately at the first contour bench. Flow was estimated to be approximately 10 gallons per minute and made its way into a rip rapped lined channel down the left margin of the face without consequence.

8) Noncoal Waste

Sowbelly On 9/17/86 there were approximately 25 to 30 barrels of Texaco Soluble Oil D in the mine yard. When asked what Castlegate was going to do about disposing of the oil Mr. Allison said that they were going to dump the oil on the coarse refuse pile. Dave Lof told Mr. Allison that the oil could not be disposed of on the refuse pile without approval from State Health. On 9/26/86 Mr. Allison stated that the oil had been taken back by Texaco and was not disposed of on the refuse pile. A telephone call to Mr. Jon Parry at State Health confirmed the statement.

Inspectors Signature and Number:

D. A. Allison #14

Date: 10/30/86

INSPECTION REPORT
(continuation sheet)

Page 5 of 5

PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION 9/17,18,26/86

(Comments are Numbered to Correspond with Topics Listed Above)

11.) Contemporaneous Reclamation

Crandall A large drain field area has been constructed above the surface facilities in Crandall Canyon. Castlegate has no intention of using this area as a drain field and Mr. Allison indicated that he would like to reclaim the area. He also indicated that a letter from the Division to Castlegate Coal requesting a plan for the area would be helpful in getting the area reclaimed. In the meantime Mr. Allison agreed to put a silt fence across the entire area at the bottom end in order to contain any eroded sediment.

16(a) Roads-Drainage Control

Sowbelly Several of the outlets to the cross culverts on the road leading to the facilities at Sowbelly have eroded significantly. No form of energy dissipator or armoring of the outlets were apparent. Mr. Allison was told that he must have the outlets to these culverts armored by 10/10/86.

18.) Support Facilities and Utility Installations

The sewer line in Hardscrabble Canyon has been installed. Mr. Allison was asked if he had approval from State Health for the construction of the sewer line. Mr. Allison said that he did but could not find documentation to that effect. Mr. Brian Elwell at State Health was called concerning this issue and he said that approval was given on 9/8/86.

Inspectors Signature and Number:

Darf. Ah

#14

Date: 10/30/86

11/3/86



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

NO. N 86-4-11-1

notice of violation

To the following Permittee or Operator:

Name CASCADE COAL COMPANY

Mine PRICE RIVER COAL COMPLEX Surface Underground Other

County CARBON State UTAH Telephone _____

Mailing Address P.O. Box 449 HOWER, UTAH 84526

State Permit No. ACT/007/004

Ownership Category State Federal Fee Mixed

Date of Inspection SEPT. 26 19 86

Time of inspection 7:30 a.m. p.m. to 12:15 a.m. p.m.

Operator Name (other than Permittee) _____

Mailing Address _____

Under authority of the Utah Coal Mining and Reclamation Act, Section 40-10-1 et seq., Utah Code Annotated, 1953, the undersigned authorized representative of the Division of Oil, Gas & Mining has conducted an inspection of above mine on above date and has found violation(s) of the act, regulations or required permit condition(s) listed in attachment(s). This notice constitutes a separate Notice of Violation for each violation listed.

You must abate each of these violations within the designated abatement time. You are responsible for doing all work in a safe and workmanlike manner.

The undersigned representative finds that cessation of mining is is not expressly or in practical effect required by this notice. For this purpose, "mining" means extracting coal from the earth or a waste pile, and transporting it within or from the mine site.

This notice shall remain in effect until it expires as provided on reverse side of this form, or is modified, terminated or vacated by written notice of an authorized representative of the director of the Division of Oil, Gas & Mining. Time for abatement may be extended by authorized representative for good cause, if a request is made within a reasonable time before the end of abatement period.

Date of service/ mailing Sept. 26, 1986 Time of service/ mailing 1:20 a.m. p.m.

RICHARD H. ALLISON, JR.
Permittee/Operator representative

PROJECT SUPERVISOR
Title

Richard H. Allison Jr.
Signature

DAVID LOE
Division of Oil, Gas & Mining representative

MINING FIELD SPECIALIST
Title

David Loe
Signature

#1
Identification Number

SEE REVERSE SIDE
WHITE-DOG M YELLOW-OS M PINK-PERMITTEE/OPERATOR GOLDENROD-NOV FILE

4/15



NOTICE OF VIOLATION NO. N 86-4-11-1

Violation No. 1 of 1

Nature of violation

Failure to pass all disturbed runoff through
sediment pond or treatment facility prior to leaving
permit area

Provisions of act, regulations or permit violated

UMC 817.42A(1)

Portion of operation to which notice applies

Berm immediately north of train loadout at
Castlegate preparation plant which divides permit
area from train tracks

Remedial action required (including any interim steps)

Repair drainage controls to insure proper
treatment of all disturbed area runoff

Abatement time (including interim steps)

September 26, 1986 by 3:00 pm



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center - Suite 350 - Salt Lake City, UT 84180-1203 - 801-538-5340

VACATION/TERMINATION OF NOTICE OF VIOLATION/CESSATION ORDER

To the following Permittee or Operator:

Name CASTLE GATE COAL COMPANY

Mailing Address P.O. Box 449 HELPER, UTAH 84526

State Permit No. ACT/007/004

Utah Coal Mining & Reclamation Act, Section 40-10-1 et seq., Utah Code Annotated (1953):

Notice of Violation No. N 86-4-11-1 dated SEPT. 26, 19 86.

Cessation Order No. C _____ dated _____, 19 _____.

Part 1 of 1 is vacated terminated because OPERATOR HAS REPAIRED DRAINAGE CONTROLS TO ENSURE TREATMENT OF ALL DISTURBED AREA RUNOFF. TERMINATED EFFECTIVE 9/30/86 THE DATE OF A FOLLOWUP INSPECTION CONDUCTED BY PAUL RAJANIS

Part _____ of _____ is vacated terminated because _____

Part _____ of _____ is vacated terminated because _____

Date of service/mailling 10/6/86 Time of service/mailling 10:25 a.m. p.m.

Date of Inspection 9/30/86
RICHARD H. ALLISON, JR. Permittee/Operator representative
PROJECT SUPERVISOR Title

ISSUED FROM DIVISION OFFICE
Signature

DAVID LOE #4
Division of Oil, Gas & Mining
David Loe
Signature

MINING FIELD SPECIALIST
Title



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

DC

NO. N B6-4-13-2

notice of violation

To the following Permittee or Operator:

Name CASTLE GATE COAL COMPANY

Mine PRICE Surface Underground Other

County CARBON State UTAH Telephone _____

Mailing Address P.O. Box 449 HELPER, UT 84526

State Permit No. ACT/007/004

Ownership Category State Federal Fee Mixed

Date of inspection SEPT. 26, 19 86

Time of inspection 7:30 a.m. p.m. to 12:15 a.m. p.m.

Operator Name (other than Permittee) _____

Mailing Address _____

Under authority of the Utah Coal Mining and Reclamation Act, Section 40-10-1 et seq., *Utah Code Annotated*, 1953, the undersigned authorized representative of the Division of Oil, Gas & Mining has conducted an inspection of above mine on above date and has found violation(s) of the act, regulations or required permit condition(s) listed in attachment(s). This notice constitutes a separate Notice of Violation for each violation listed.

You must abate each of these violations within the designated abatement time. You are responsible for doing all work in a safe and workmanlike manner.

The undersigned representative finds that cessation of mining is is not expressly or in practical effect required by this notice. For this purpose, "mining" means extracting coal from the earth or a waste pile, and transporting it within or from the mine site.

This notice shall remain in effect until it expires as provided on reverse side of this form, or is modified, terminated or vacated by written notice of an authorized representative of the director of the Division of Oil, Gas & Mining. Time for abatement may be extended by authorized representative for good cause, if a request is made within a reasonable time before the end of abatement period.

Date of service/mailling SEPT. 30, 1986

Time of service/mailling 4:20 a.m. p.m.

RICHARD H. ALLISON, JR.
Permittee/Operator representative

PROJECT SUPERVISOR
Title

ISSUED FROM THE DIVISION OFFICE
Signature

DAVID LOF
Division of Oil, Gas & Mining representative

MINING FIELD SPECIALIST
Title

David Lof
Signature

#4
Identification Number

SEE REVERSE SIDE

WHITE-DOG M YELLOW-OS M PINK-PERMITTEE/OPERATOR GOLDENROD-NOV FILE

EXPRESS MAIL 58659732

417



NOTICE OF VIOLATION NO. N86-4-132

Violation No. 1 of 2

Nature of violation

FAILURE TO CONDUCT SURFACE COAL MINING ACTIVITIES IN ACCORDANCE WITH
AN APPROVED PERMIT
FAILURE TO MAINTAIN SEDIMENT CONTROLS

Provisions of act, regulations or permit violated

UMC 771.19
UMC 817.45

Portion of operation to which notice applies

CASTLEGATE PREP PLANT DIVERSION D-4, CULVERT C-4 AND THE REFUSE
HAUL ROAD

Remedial action required (including any interim steps)

- 1) RECONSTRUCT D-4 TO MEET DESIGN SPECIFICATIONS
- 2) MAINTAIN THE INLET OF C-4
- 3) REGRADE THE REFUSE HAUL ROAD TO PROVIDE PROPER ROAD DRAINAGE
AND ENSURE THAT ALL ROAD RUNOFF IS DIVERTED TO THE APPROPRIATE SEDIMENT
CONTROL STRUCTURES

Abatement time (including interim steps)

OCTOBER 10, 1986



NOTICE OF VIOLATION NO. N86-4-13-2

Violation No. 2 of 2

Nature of violation

FAILURE TO MAINTAIN SEDIMENT PONDS TO PREVENT SHORT CIRCUITING TO THE EXTENT POSSIBLE

Provisions of act, regulations or permit violated

UMC B17.46(2)

Portion of operation to which notice applies

SEDIMENT PONDS OIL AND OIL-B

Remedial action required (including any interim steps)

REPAIR LEAKS IN THE POND'S SPILLWAY SYSTEM TO PREVENT SHORT CIRCUITING AND ENSURE THAT EFFLUENT LIMITATIONS ARE MET.

Abatement time (including interim steps)

OCTOBER 10, 1986



10-28-86
lg
UTAH
NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

VACATION/TERMINATION OF NOTICE OF VIOLATION/CESSATION ORDER

To the following Permittee or Operator:

Name CASTLE GATE COAL COMPANY

Mailing Address P.O. Box 449 Helper, UT 84526

State Permit No. ACT/007/004

Utah Coal Mining & Reclamation Act, Section 40-10-1 et seq., Utah Code Annotated (1953):

Notice of Violation No. N 86-4-13-2 dated SEPT. 30, 19 86.

Cessation Order No. C _____ dated _____, 19 _____.

Part 1 of 2 is vacated terminated because THE VIOLATION RESULTED FROM A PRECIPITATION EVENT IN EXCESS OF THE 10 YR / 24 HOUR STORM. Effectiveness 10-7-86

Part 2 of 2 is vacated terminated because SAME AS ABOVE

Part _____ of _____ is vacated terminated because _____

Date of service/ mailing 10-17-86

Time of service/ mailing _____ a.m. p.m.

Date of Inspection _____

RICHARD H. ALLISON, JR.
Permittee/Operator representative

PROJECT SUPERVISOR
Title

ISSUED FROM THE DIVISION OFFICE
Signature

Kenneth E. May
Division of Oil, Gas & Mining

ASSOCIATE DIRECTOR, MINING
Title

Kenneth E. May
Signature